Rio Blanco Oil Shale Project

PROGRESS REPORT 10

GEOTECHNICAL DATA GATHERING PROJECT

HYDROLOGIC PROGRAM
SECTION 1.2
APPENDIX 3
Volume 4

To Area Oil Shale Supervisor
United States Geological Survey

by
Wright Water Engineers
for
Gulf Oil Corporation
and
Standard Oil Company (Indiana)

H20QASA-2 REPORT DATE 03/10/77 PAGE 352

CORE-HOLE G-S 10 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1885.00	1553.00	1719.00	234.76	2433.30	1004.70	1560.54	1719.00	1877.46	2019.96	2105.18
00011#	TEMPERATURE, WATER (DEG. F)	2	46.76	46.40	46.58	0.25	47.34	45.82	46.41	46.58	46.75	46.90	46.99
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	5.01	5.01
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01006*	ALUMINIUM (UG/L)	2	100.00	10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	254.98	460.46
01020*	BORON, DISSOLVED (UG/L AS B)	2	400.00	100.00	200.00	2.67	3947.79	10.13	103.20	200.00	387.60	702.75	1003.08
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01046	IRON, DISSOLVED (UG/L AS FE)	1	500.00	500.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	500.00	500.00									
09503*	RADIUM (UG/L)	2	400.00	300.00	346.41	1.23	643.27	186.54	301.96	346.41	397.39	449.62	484.08

END OF CORE-HOLE G-S 10 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/27/74 THRU 09/30/74

-- ESTIMATE USING METHOD OF MOMENTS
-- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 10 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	2	1885.00	1553.00	1719.00	234.76	2433.30	1004.70	1560.54	1719.00	1877.46	2019.96	2105.18
00011# TEMPERATURE, WATER (DEG. F)	2	46.76	46.40	46.58	0.25	47.34	45.82	46.41	46.58	46.75	46.90	46.99
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3899.99	3699.99	3798.67	1.04	4259.43	3387.75	3703.41	3798.67	3896.38	3996.40	4041.22
00400# PH (STANDARD UNITS)	2	8.00	8.00	8.00	0.00	8.00	8.00	8.00	8.00	8.00	8.00	8.00
00440* BICARBONATE ION (MG/L AS HCO3)	2	1630.00	510.00	911.76	2.27	11106.11	74.85	523.63	911.76	1587.56	2614.08	3522.44
00445* CARBONATE ION (MG/L AS CO3)	2	390.00	<0.10	6.24	346.15	432896.00	0.00	0.12	6.24	323.25	11242.63	93890.50
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	2649.99	1080.00	1691.74	1.89	11667.97	245.28	1102.25	1691.74	2596.48	3816.76	4805.62
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	3.40	1.70	2.40	1.63	10.68	0.54	1.73	2.40	3.35	4.51	5.38
00900* HARDNESS, TOTAL (MG/L AS CACO3)	2	350.00	36.00	112.25	4.99	14974.66	0.84	37.91	112.25	332.38	882.27	1581.76
00915* CALCIUM, DISSOLVED (MG/L AS CA)	2	80.00	10.00	28.28	4.35	2480.51	0.32	10.48	28.28	76.31	186.30	317.69
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	2	36.00	2.70	9.86	6.24	2595.00	0.04	2.86	9.86	33.94	103.18	200.61
00930* SODIUM, DISSOLVED (MG/L AS NA)	2	930.00	240.00	472.44	2.61	8709.53	25.63	247.50	472.44	901.82	1612.92	2283.54
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	20.00	7.50	12.25	2.00	101.04	1.48	7.67	12.25	19.56	29.80	38.33
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	2	14.00	4.30	7.76	2.30	98.35	0.61	4.42	7.76	13.63	22.62	30.63
00945* SULFATE, DISSOLVED (MG/L AS SO4)	2	450.00	<4.00	42.43	28.21	98221.00	0.00	4.45	42.43	404.24	3069.21	10316.10
00950* FLUORIDE, TOTAL (MG/L AS F)	2	4.70	2.10	3.14	1.77	17.78	0.56	2.14	3.14	4.61	6.52	8.02
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	17.00	12.00	14.28	1.28	30.22	6.75	12.10	14.28	16.87	19.59	21.42

CORE-HOLE G-S 10 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	2	1300.00	500.00	806.22	1.97	6299.26	103.19	510.96	806.22	1272.11	1917.08	2449.96
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01046*	IRON, DISSOLVED (UG/L AS FE)	2	900.00	<50.00	212.13	7.72	106494.50	0.42	53.39	212.13	842.84	2914.23	6119.67
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	120.00	80.00	97.98	1.33	234.42	40.95	80.74	97.98	118.90	141.50	157.02
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	320.00	<50.00	126.49	3.72	6863.46	2.33	52.15	126.49	306.79	680.56	1095.95
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	12.00	5.00	7.75	1.86	50.94	1.18	5.10	7.75	11.76	17.13	21.45
03501	GROSS BETA, DISSOLVED (PC/L)	1	1.00	1.00									
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	4.70	4.30	4.50	1.06	5.44	3.71	4.31	4.50	4.69	4.87	4.99
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.30	0.20	0.24	1.33	0.59	0.10	0.20	0.24	0.30	0.35	0.39
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.40	0.30	0.35	1.23	0.64	0.19	0.30	0.35	0.40	0.45	0.48

END OF CORE-HOLE G-S 10 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/27/74 THRU 09/30/74

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NC LOG TRANSFORM

CORE-HOLE G-S 10 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 10 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	8	398.71	371.74	387.32	8.86	394.55	380.10	381.34	387.32	393.31	398.69	401.90
00011# TEMPERATURE, WATER (DEG. F)	8	67.50	52.70	58.99	5.08	63.13	54.84	55.56	58.99	62.42	65.50	67.35
00915* CALCIUM, DISSOLVED (MG/L AS CA)	7	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	7	99999.00	2.00	4.47	3.12	142.68	0.14	2.07	4.47	9.64	19.24	29.08
00930* SODIUM, DISSOLVED (MG/L AS NA)	7	99999.00	5.00	6.30	1.49	13.14	3.02	4.81	6.30	8.25	10.52	12.17
00935* POTASSIUM, DISSOLVED (MG/L AS K)	7	2.00	0.10	0.50	4.61	1.97	0.13	0.18	0.50	1.41	3.56	6.20
00955* SILICA, DISSOLVED (MG/L AS SIO2)	7	10.00	2.00	4.84	1.60	7.36	3.19	3.53	4.84	6.64	8.82	10.45
01005* BARIUM, DISSOLVED (UG/L AS BA)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01006* ALUMINIUM (UG/L)	7	100.00	10.00	51.79	3.08	141.40	18.97	24.26	51.79	110.57	218.69	328.81
01020* BORON, DISSOLVED (UG/L AS B)	7	500.00	200.00	438.65	1.41	597.80	321.87	347.22	438.65	554.16	683.79	775.38
01040* COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	3.16	3.53	11.15	0.90	1.35	3.16	7.41	15.93	25.18
01046* IRON, DISSOLVED (UG/L AS FE)	7	100.00	10.00	29.62	2.70	71.88	12.21	15.16	29.62	57.85	105.62	151.39
01049* LEAD, DISSOLVED (UG/L AS PB)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01056* MANGANESE, DISSOLVED (UG/L AS MN)	6	100.00	1.00	17.10	6.41	109.35	2.67	4.88	17.10	59.91	184.98	363.03
01060* MOLYBDENUM, DISS (UG/L AS MO)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01075* SILVER, DISSOLVED (UG/L AS AG)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	7	1000.00	10.00	71.97	4.90	297.83	17.39	24.62	71.97	210.34	551.82	982.40

CORE-HOLE G-S 10 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	200.00	1.00	14.14	42.37262	342.00	0.00	1.13	14.14	177.33	1723.54	6715.04
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	4	50.00	1.00	10.00	5.32	101.63	0.98	3.24	10.00	30.88	85.14	156.13
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	5.62	3.16	27.80	1.14	2.59	5.62	12.23	24.60	37.37

END OF CORE-HOLE G-S 10 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 10 AQUIFER L METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	8	398.71	371.74	387.32	8.87	394.56	380.09	381.34	387.32	393.31	398.70	401.92
00011# TEMPERATURE, WATER (DEG. F)	8	67.50	52.70	58.99	5.08	63.13	54.84	55.56	58.99	62.42	65.50	67.35
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	8	2398.99	1360.00	1999.47	1.20	2314.47	1727.35	1771.39	1999.47	2256.93	2516.64	2686.02
00340* CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	54.00	10.80	24.15	3.12	770.44	0.76	11.20	24.15	52.06	103.88	157.02
00400# PH (STANDARD UNITS)	7	7.40	6.80	7.00	0.23	7.21	6.79	6.84	7.00	7.16	7.30	7.38
00410* ALKALINITY, TOTAL (MG/L AS CACO3)	8	1124.00	52.00	549.10	2.80	1271.36	237.16	274.02	549.10	1100.34	2055.82	2987.62
00440* BICARBONATE ION (MG/L AS HCO3)	8	1350.00	740.00	1049.30	1.21	1228.43	896.28	920.92	1049.30	1195.56	1344.42	1442.16
00445* CARBONATE ION (MG/L AS CO3)	8	72.00	<0.10	8.55	17.42	87.90	0.83	1.24	8.55	58.86	333.57	941.24
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	8	1740.00	875.00	1378.89	1.27	1678.02	1133.08	1172.01	1378.89	1622.28	1877.63	2049.15
00608 NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.80	1.80									
00613 NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	1	0.10	0.10									
00681* CARBON, ORGANIC, DISS (MG/L AS C)	7	32.00	4.00	10.13	2.06	19.36	5.30	6.21	10.13	16.52	25.64	33.35
00720* CYANIDE (MG/L AS CN)	6	<0.01	<0.01	<0.01	1.00							
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	<0.01	0.13	36.19	6985.87	0.00	0.01	0.13	1.43	12.59	46.33
00900* HARDNESS, TOTAL (MG/L AS CACO3)	7	630.00	50.00	280.01	2.58	653.55	119.97	147.64	280.01	531.06	944.29	1332.27
00915* CALCIUM, DISSOLVED (MG/L AS CA)	8	98.00	6.60	35.61	2.74	80.99	15.66	18.04	35.61	70.31	129.63	186.89
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	8	105.00	8.20	42.19	2.50	89.08	19.98	22.72	42.19	78.33	136.66	190.62

CORE-HOLE G-S 10 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	8	600.00	300.00	429.99	1.23	509.28	363.05	373.77	429.99	494.66	561.08	604.99
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	7.00	6.00	6.48	1.12	9.03	4.65	6.02	6.48	6.98	7.45	7.75
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	8	36.00	<0.10	11.40	7.12	56.51	2.30	3.03	11.40	42.90	141.28	288.16
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	8	580.00	15.00	140.68	4.30	462.47	42.79	52.52	140.68	376.83	914.00	1552.63
00950*	FLUORIDE, TOTAL (MG/L AS F)	8	24.00	3.00	10.47	2.21	19.96	5.49	6.14	10.47	17.87	28.88	38.49
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	8	32.00	2.00	13.23	2.50	27.89	6.28	7.14	13.23	24.53	42.73	59.56
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	7	<1000.00	<1000.00	<1000.00	1.00							
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	1	<100.00	<100.00									
01020*	BORON, DISSOLVED (UG/L AS B)	8	3899.99	400.00	1099.86	1.88	1838.62	657.94	718.76	1099.86	1683.03	2467.36	3101.62
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	<50.00	<10.00	<12.23	1.77							
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	<100.00	<10.00	<61.32	2.52							
01046*	IRON, DISSOLVED (UG/L AS FE)	8	9099.96	<50.00	1432.05	7.72	7579.17	270.58	360.43	1432.05	5689.77	19673.18	41312.11
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	3199.99	<10.00	134.57	7.48	694.43	26.08	34.58	134.57	523.59	1776.66	3689.12
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	8	190.00	50.00	73.16	1.57	105.94	50.52	53.85	73.16	99.40	130.95	154.42
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	<100.00	<50.00	<70.71	1.63							

CORE-HOLE G-S 10 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01065*	NICKEL, DISSOLVED (UG/L AS NI)	7	50.00	<10.00	21.88	2.11	42.67	11.22	13.21	21.88	36.23	57.02	74.79
01075*	SILVER, DISSOLVED (UG/L AS AG)	6	20.00	<10.00	11.22	1.33	14.89	8.46	9.27	11.22	13.59	16.13	17.88
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	1000.00	600.00	774.59	1.44	2324.98	258.06	606.98	774.59	988.49	1230.83	1403.29
01085	VANADIUM, DISSOLVED (UG/L AS V)	1	<50.00	<50.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	8	900.00	100.00	335.88	2.80	777.43	145.11	167.66	335.88	672.89	1256.91	1826.34
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	3	700.00	<100.00	241.01	2.68	1475.48	39.37	123.86	241.01	468.99	853.41	1220.78
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	200.00	100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.88	265.10	316.72
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	6	5.70	0.30	1.85	3.56	6.57	0.52	0.78	1.85	4.35	9.41	14.92
03501	GROSS BETA, DISSOLVED (PC/L)	1	55.00	55.00									
32730*	PHENOLS (UG/L)	2	1000.00	1.00	31.62	132.23052	432.00	0.00	1.17	31.62	854.85	16577.95	97626.88
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	8	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	6	1.00	<0.10	0.35	2.72	0.96	0.13	0.18	0.35	0.69	1.28	1.84
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	7	1.20	0.10	0.31	2.36	0.67	0.14	0.17	0.31	0.55	0.93	1.27
71870*	BROMIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	8	<10.00	<1.00	<3.76	2.94							

END OF CORE-HOLE G-S 10 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/13/75 THRU 11/11/76

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

CORE-HOLE G-S 10 AQUIFER L METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 10 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	1	1014.00	1014.00									
C0011#	TEMPERATURE, WATER (DEG. F)	1	43.34	43.34									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	30.00	30.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	1000.00	1000.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	100.00	100.00									

END OF CORE-HOLE G-S 10 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/21/74 THRU 09/21/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 10 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1014.00	1014.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	43.34	43.34									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1020.00	1020.00									
00400#	PH (STANDARD UNITS)	1	7.10	7.10									
00440	BICARBONATE ION (MG/L AS HCO3)	1	715.00	715.00									
00445	CARBONATE ION (MG/L AS CO3)	1	<0.10	<0.10									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	1250.00	1250.00									
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	<0.10	<0.10									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	500.00	500.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	80.00	80.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	93.00	93.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	185.00	185.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	<1.00	<1.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	4.80	4.80									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	360.00	360.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	1.50	1.50									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	35.00	35.00									

CORE-HOLE G-S 10 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	2199.99	2199.99									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	<50.00	<50.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<50.00	<50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	<500.00	<500.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<50.00	<50.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	2.00	2.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	0.10	0.10									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.50	0.50									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10									

END OF CORE-HOLE G-S 10 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/21/74 THRU 09/21/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM

CORE-HOLE G-S 10 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 10 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	9	399.40	339.36	347.63	19.47	362.31	332.95	334.49	347.63	360.77	372.59	379.65
00011#	TEMPERATURE, WATER (DEG. F)	9	57.50	52.30	54.93	1.65	56.18	53.69	53.82	54.93	56.05	57.05	57.66
00915	CALCIUM, DISSOLVED (MG/L AS CA)	8	99999.00	10.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	8	99999.00	5.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	8	99999.00	5.00	6.60	1.46	10.21	4.26	5.11	6.60	8.52	10.73	12.32
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	7	2.00	0.01	0.24	10.82	1.98	0.03	0.05	0.24	1.17	4.98	11.83
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	8	10.00	2.00	3.45	1.87	5.74	2.07	2.26	3.45	5.26	7.68	9.64
01006*	ALUMINIUM (UG/L)	8	500.00	10.00	57.82	4.74	205.52	16.27	20.24	57.82	165.23	424.73	747.00
01020*	BORON, DISSOLVED (UG/L AS B)	8	500.00	100.00	230.61	1.71	356.46	149.19	160.80	230.61	330.73	457.39	555.26
01040*	COPPER, DISSOLVED (UG/L AS CU)	7	10.00	1.00	4.25	2.82	10.72	1.68	2.11	4.25	8.55	16.03	23.35
01046*	IRON, DISSOLVED (UG/L AS FE)	8	1000.00	20.00	91.70	4.11	290.16	28.98	35.33	91.70	237.98	561.05	937.00
01049	LEAD, DISSOLVED (UG/L AS PB)	1	50.00	50.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	7	100.00	10.00	26.83	3.42	80.61	8.93	11.69	26.83	61.57	129.97	203.17
01060*	MOLYBDENUM, DISS (UG/L AS MO)	4	20.00	1.00	2.11	4.47	16.91	0.26	0.77	2.11	5.81	14.43	24.85
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	1.00	1.00									
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	1.00	0.10	0.32	5.09	44.82	0.00	0.11	0.32	0.95	2.55	4.60
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	8	200.00	100.00	109.05	1.28	133.17	89.30	92.42	109.05	128.67	149.30	163.19

CORE-HOLE G-S 10 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01090* ZINC, DISSOLVED (UG/L AS ZN)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01130* LITHIUM, DISSOLVED (UG/L AS LI)	5	100.00	1.00	6.31	6.87	57.81	0.69	1.72	6.31	23.16	74.58	150.07
01150* TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	3.16	3.78	20.02	0.50	1.29	3.16	7.76	17.38	28.17
09503* RADIUM (UG/L)	2	200.00	100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.88	265.10	316.72

END OF CORE-HOLE G-S 10 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/31/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 10 AQUIFER U METHOD 3

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	9	399.40	339.36	347.63	19.47	362.31	332.95	334.49	347.63	360.77	372.59	379.65
00011#	TEMPERATURE, WATER (DEG. F)	9	57.50	52.30	54.93	1.65	56.18	53.69	53.82	54.93	56.05	57.05	57.65
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	9	2609.99	1949.99	2304.34	1.09	2461.13	2157.52	2172.46	2304.34	2444.22	2577.25	2660.23
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	3	145.00	3.90	20.39	6.22	585.41	0.71	5.94	20.39	70.01	212.28	412.09
00400#	PH (STANDARD UNITS)	8	6.80	6.00	6.56	0.31	6.82	6.31	6.35	6.56	6.77	6.96	7.07
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	9	760.00	620.00	687.73	1.08	726.41	651.10	654.85	687.73	722.26	754.79	774.94
00440*	BICARBONATE ION (MG/L AS HCO3)	9	925.00	730.00	833.56	1.09	887.74	782.68	787.87	833.56	881.90	927.76	956.32
00445*	CARBONATE ION (MG/L AS CO3)	9	48.00	<0.10	0.20	7.83	0.94	0.04	0.05	0.20	0.80	2.78	5.86
00540*	DISSOLVED SOLIDS (ROE AT 176 DEG C, M	9	2030.00	1830.00	1918.11	1.03	1964.55	1872.77	1877.47	1918.11	1959.64	1997.75	2020.89
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.00	1.00									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.19	0.51	0.92
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	8	15.00	3.00	6.25	1.97	10.88	3.59	3.95	6.25	9.89	14.94	19.12
00720*	CYANIDE (MG/L AS CN)	9	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	3	1.60	<0.10	0.54	4.41	8.29	0.04	0.20	0.54	1.48	3.64	6.23
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	7	1110.00	690.00	860.95	1.16	983.93	753.33	778.37	860.95	952.28	1042.66	1100.76
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	9	260.00	25.00	129.00	2.07	223.03	74.62	79.02	129.00	210.60	327.24	425.92
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	9	200.00	72.00	117.68	1.32	145.19	95.38	97.50	117.68	142.03	168.21	186.11

CORE-HOLE G-S 10 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930* SODIUM, DISSOLVED (MG/L AS NA)	9	400.00	250.00	337.42	1.17	380.57	299.16	302.96	337.42	375.80	414.03	438.73
00935* POTASSIUM, DISSOLVED (MG/L AS K)	3	8.00	<1.00	3.42	2.98	25.36	0.46	1.64	3.42	7.14	13.84	20.56
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	9	21.00	<0.10	6.77	5.21	23.51	1.95	2.22	6.77	20.63	56.18	102.28
00945* SULFATE, DISSOLVED (MG/L AS SO4)	9	900.00	760.00	806.87	1.05	838.86	776.09	779.26	806.87	835.45	862.03	878.32
00950* FLUORIDE, TOTAL (MG/L AS F)	9	1.00	0.10	0.43	2.07	0.75	0.25	0.27	0.43	0.71	1.10	1.44
00955* SILICA, DISSOLVED (MG/L AS SIO2)	9	58.00	37.00	51.50	1.17	57.79	45.89	46.45	51.50	57.09	62.64	66.22
01000* ARSENIC, DISSOLVED (UG/L AS AS)	9	<10.00	<10.00	<10.00	1.00							
01005* BARIUM, DISSOLVED (UG/L AS BA)	7	<1000.00	<1000.00	<1000.00	1.00							
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	1	<10.00	<10.00									
01020* BORON, DISSOLVED (UG/L AS B)	9	800.00	<10.00	236.38	3.64	625.75	89.29	98.88	236.38	565.07	1237.28	1977.05
01025* CADMIUM, DISSOLVED (UG/L AS CD)	9	20.00	<10.00	13.61	1.44	17.92	10.33	10.63	13.61	17.41	21.74	24.82
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	9	<50.00	<10.00	<12.92	1.75							
01040* COPPER, DISSOLVED (UG/L AS CU)	9	<100.00	<10.00	<59.95	2.76							
01046* IRON, DISSOLVED (UG/L AS FE)	9	15999.95	<50.00	1523.91	9.23	8144.77	285.13	339.86	1523.91	6833.01	26340.06	59028.35
01049* LEAD, DISSOLVED (UG/L AS PB)	9	1000.00	<10.00	113.36	4.02	323.83	39.68	44.29	113.36	290.11	675.39	1119.50
01056* MANGANESE, DISSOLVED (UG/L AS MN)	9	200.00	20.00	71.61	2.12	125.97	40.71	43.19	71.61	118.73	187.08	245.54
01060* MOLYBDENUM, DISS (UG/L AS MO)	2	<100.00	<50.00	<70.71	1.63							

CORE-HOLE G-S 10 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01065* NICKEL, DISSOLVED (UG/L AS NI)	7	50.00	10.00	19.82	2.01	36.99	10.62	12.37	19.82	31.75	48.50	62.50
01075* SILVER, DISSOLVED (UG/L AS AG)	6	<10.00	<10.00	<10.00	1.00							
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	2	5999.99	5999.99	5999.99	1.01	6117.22	5884.99	5974.29	5999.99	6025.80	6049.11	6063.09
01085 VANADIUM, DISSOLVED (UG/L AS V)	1	<50.00	<50.00									
01090* ZINC, DISSOLVED (UG/L AS ZN)	9	3999.99	40.00	185.17	4.08	534.92	64.10	71.64	185.17	478.65	1124.36	1873.72
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	3	300.00	<100.00	144.22	1.89	462.49	44.97	93.99	144.22	221.30	325.23	409.43
01130* LITHIUM, DISSOLVED (UG/L AS LI)	3	<100.00	<100.00	<100.00	1.00							
01145* SELENIUM, DISSOLVED (UG/L AS SE)	9	<10.00	<10.00	<10.00	1.00							
01503* GROSS ALPHA, DISSOLVED (PC/L)	3	8.40	1.60	4.44	2.44	22.87	0.86	2.43	4.44	8.11	13.93	19.27
03501* GROSS BETA, DISSOLVED (PC/L)	2	59.00	2.00	10.86	10.95	15785.56	0.01	2.16	10.86	54.64	233.53	556.70
32730* PHENOLS (UG/L)	3	3.00	<1.00	1.44	1.89	4.62	0.45	0.94	1.44	2.21	3.25	4.09
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	9	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	7	0.90	0.37	0.58	1.41	0.79	0.43	0.46	0.58	0.73	0.90	1.02
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	8	6.30	<0.10	0.54	5.13	2.06	0.14	0.18	0.54	1.64	4.41	7.98
71870* BROMIDE (MG/L)	3	<0.10	<0.02	<0.06	2.53							
71890* MERCURY DISSOLVED (UG/L AS HG)	9	<10.00	<1.00	<3.25	3.01							

END OF CORE-HOLE G-S 10 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 03/31/75 THRU 11/11/76

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

CORE-HOLE G-S 10 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1885.00	1885.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	44.78	44.78									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	10.00	10.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	10.00	10.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	50.00	50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	100.00	100.00									

END OF CORE-HOLE G-S 11 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 10/11/74 THRU 10/11/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCPE-HOLE G-S 11 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1885.00	1885.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	44.78	44.78									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	3599.99	3599.99									
00400#	PH (STANDARD UNITS)	1	8.00	8.00									
00440	BICARBONATE ION (MG/L AS HCO3)	1	1600.00	1600.00									
00445	CARBONATE ION (MG/L AS CO3)	1	240.00	240.00									
70540	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	1	2939.99	2939.99									
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	<1.00	<1.00									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	76.00	76.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	12.00	12.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	11.00	11.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	880.00	880.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	42.00	42.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	140.00	140.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	130.00	130.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	4.30	4.30									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	12.00	12.00									

CORE-HOLE G-S 11 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	80.00	80.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	600.00	600.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	<50.00	<50.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	70.00	70.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	<50.00	<50.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	4.50	4.50									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.30	0.30									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.10	0.10									

END OF CORE-HOLE G-S 11 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 10/11/74 THRU 10/11/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	736.96	718.81	725.63	8.29	737.14	714.12	720.03	725.63	731.22	736.26	739.27
00011#	TEMPERATURE, WATER (DEG. F)	4	65.30	58.10	62.70	3.21	67.15	58.25	60.53	62.70	64.87	66.81	67.98
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	2.00	0.10	0.27	5.64	6.51	0.01	0.08	0.27	0.87	2.49	4.67
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	2.00	3.68	1.70	9.74	1.39	2.58	3.68	5.27	7.26	8.80
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01006*	ALUMINIUM (UG/L)	3	100.00	5.00	17.10	4.80	304.95	0.96	5.93	17.10	49.29	127.69	225.62
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	368.40	1.70	973.63	139.40	257.78	368.40	526.50	725.86	879.53
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	10.00	1.00	3.68	3.26	32.27	0.42	1.66	3.68	8.18	16.75	25.72
01046*	IRON, DISSOLVED (UG/L AS FE)	3	20.00	10.00	15.87	1.49	33.11	7.61	12.12	15.87	20.80	26.52	30.66
01049	LEAD, DISSOLVED (UG/L AS PB)	1	10.00	10.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	10.00	5.00	6.30	1.49	13.14	3.02	4.81	6.30	8.25	10.52	12.17
01060*	MOLYBDENUM, DISS (UG/L AS MO)	3	20.00	1.00	2.71	5.64	65.11	0.11	0.84	2.71	8.72	24.93	46.70
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	200.00	50.00	100.00	2.00	357.30	27.99	62.63	100.00	159.66	243.17	312.75
01100	TIN, DISSOLVED (UG/L AS SN)	1	0.10	0.10									

CORE-HOLE G-S 11 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
C1150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
09503	RADIUM (UG/L)	1	600.00	600.00									

END OF CORE-HOLE G-S 11 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER L METHOD 3

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	736.96	718.81	725.63	8.27	737.11	714.15	720.04	725.63	731.21	736.23	739.23
00011#	TEMPERATURE, WATER (DEG. F)	4	65.30	58.10	62.70	3.21	67.15	58.25	60.53	62.70	64.87	66.81	67.98
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	3021.00	910.00	1675.62	1.85	3945.01	711.71	1104.92	1675.62	2541.10	3695.29	4622.80
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	9.90	1.30	3.59	4.20	282.98	0.05	1.36	3.59	9.45	22.60	38.05
00400#	PH (STANDARD UNITS)	4	7.50	7.00	7.20	0.22	7.50	6.90	7.05	7.20	7.35	7.48	7.56
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	1679.00	524.00	1018.79	1.75	2208.64	469.94	699.30	1018.79	1484.24	2081.91	2548.87
00440*	BICARBONATE ION (MG/L AS HCO3)	4	1989.99	585.00	1183.03	1.81	2698.16	518.71	792.25	1183.03	1766.57	2533.51	3143.18
00445*	CARBONATE ION (MG/L AS CO3)	4	69.00	18.00	44.79	1.85	105.31	19.05	29.55	44.79	67.88	98.65	123.37
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	2140.00	670.00	1279.36	1.72	2707.17	604.60	888.56	1279.36	1842.04	2556.56	3110.21
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.50	1.50									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.30	<0.02	0.08	6.79	26.27	0.00	0.02	0.08	0.28	0.90	1.81
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	27.00	8.80	15.64	1.67	31.83	7.69	11.07	15.64	22.10	30.15	36.30
00720*	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	1.00	1.26	1.39	3.48	0.46	1.01	1.26	1.58	1.94	2.19
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	52.00	36.00	42.15	1.21	59.68	29.77	37.09	42.15	47.90	53.73	57.55
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	6.60	3.20	4.75	1.35	7.17	3.14	3.88	4.75	5.80	6.95	7.75
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	32.00	4.80	10.03	2.28	31.52	3.19	5.75	10.03	17.51	28.89	38.97

CORE-HOLE G-S 11 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	910.00	265.00	523.56	1.82	1200.88	228.26	349.65	523.56	783.97	1127.11	1400.41
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	8.00	<1.00	2.83	4.35	248.05	0.03	1.05	2.83	7.63	18.63	31.77
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	95.00	9.50	42.74	2.91	188.17	9.71	20.78	42.74	87.87	168.03	247.59
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	50.00	10.00	16.55	2.14	47.62	5.75	9.90	16.55	27.67	43.93	57.92
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	34.00	16.00	24.59	1.43	40.40	14.97	19.31	24.59	31.31	38.90	44.29
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	11.00	3.90	7.76	1.63	15.30	3.94	5.58	7.76	10.80	14.53	17.35
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	2700.00	100.00	1150.98	5.10	11043.10	119.96	383.26	1150.98	3456.50	9291.70	16784.98
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	10.00	10.00	10.00	1.00	10.03	9.97	9.98	10.00	10.02	10.03	10.04
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	5699.97	<50.00	472.57	11.32	13718.91	16.28	91.85	472.57	2431.47	10607.26	25596.36
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	800.00	50.00	299.07	3.41	1641.94	54.47	130.65	299.07	684.60	1441.70	2250.59
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	800.00	<50.00	115.83	3.74	721.40	18.60	47.59	115.83	281.92	627.35	1012.18
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	30.00	30.00	30.00	1.00	30.25	29.75	29.94	30.00	30.06	30.11	30.14

CORE-HOLE G-S 11 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	400.00	400.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	600.00	<100.00	244.95	2.12	693.66	86.50	147.65	244.95	406.37	640.65	841.10
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	600.00	600.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	200.00	<100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.88	265.10	316.72
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	19.00	2.70	7.16	3.97	476.67	0.11	2.82	7.16	18.18	42.00	69.30
03501*	GROSS BETA, DISSOLVED (PC/L)	2	31.00	4.00	11.14	4.25	912.10	0.14	4.19	11.14	29.59	71.26	120.54
32730*	PHENOLS (UG/L)	2	<1.00	<1.00	<1.00	1.00							
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.80	0.70	0.77	1.08	0.88	0.66	0.73	0.77	0.81	0.84	0.87
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.50	0.10	0.25	2.28	1.12	0.05	0.14	0.25	0.43	0.71	0.95
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE G-S 11 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	4	721.40	701.21	715.13	9.37	728.13	702.13	708.80	715.13	721.45	727.14	730.54
00011#	TEMPERATURE, WATER (DEG. F)	4	59.90	58.10	58.95	0.78	60.03	57.87	58.43	58.95	59.47	59.94	60.23
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	99999.00	99999.00									
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	4	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	4	5.00	1.00	3.34	2.24	10.22	1.09	1.94	3.34	5.76	9.38	12.56
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	5.00	5.00	5.00	1.00	5.01	4.99	5.00	5.00	5.00	5.01	5.01
01006*	ALUMINIUM (UG/L)	4	500.00	10.00	149.53	6.39	1961.17	11.40	42.77	149.53	522.79	1611.21	3158.50
01020*	BORON, DISSOLVED (UG/L AS B)	4	500.00	100.00	334.37	2.24	1021.64	109.43	194.24	334.37	575.60	938.11	1256.35
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	10.00	1.00	5.62	3.16	27.80	1.14	2.59	5.62	12.23	24.60	37.37
01046*	IRON, DISSOLVED (UG/L AS FE)	4	100.00	20.00	47.29	1.94	118.23	18.91	30.28	47.29	73.84	110.23	140.09
01049	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	100.00	10.00	31.62	3.78	200.15	5.00	12.89	31.62	77.57	173.84	281.67
C1060*	MOLYBDENUM, DISS (UG/L AS MO)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	4	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	4	50.00	1.00	10.00	5.32	101.63	0.98	3.24	10.00	30.88	85.14	156.13
C1150*	TITANIUM, DISSOLVED (UG/L AS TI)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

END OF CORE-HOLE G-S 11 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/11/75

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CORE-HOLE G-S 11 AQUIFER L METHOD 3A

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	721.40	701.21	715.13	9.37	728.13	702.13	708.80	715.13	721.45	727.14	730.54
00011#	TEMPERATURE, WATER (DEG. F)	4	59.90	58.10	58.95	0.78	60.03	57.87	58.43	58.95	59.47	59.94	60.23
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1050.00	923.00	995.87	1.06	1074.81	922.73	959.60	995.87	1033.51	1068.56	1090.10
00400#	PH (STANDARD UNITS)	4	7.80	6.50	7.30	0.56	8.08	6.52	6.92	7.30	7.68	8.02	8.22
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	464.00	369.00	431.47	1.11	500.17	372.20	401.55	431.47	463.61	494.56	514.04
00440*	BICARBONATE ION (MG/L AS HCO3)	4	550.00	390.00	493.09	1.17	613.98	396.00	443.21	493.09	548.58	603.79	639.42
00445*	CARBONATE ION (MG/L AS CO3)	4	60.00	11.00	25.33	2.40	85.25	7.53	14.04	25.33	45.71	77.70	106.72
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	660.00	625.00	643.62	1.02	664.02	623.84	633.92	643.62	653.46	662.44	667.87
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	3	4.00	4.00	4.00	1.00	4.01	3.99	4.00	4.00	4.00	4.01	4.01
00720*	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	4	150.00	110.00	120.20	1.16	147.83	97.73	108.69	120.20	132.92	145.52	153.61
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	23.00	11.00	14.65	1.37	22.75	9.43	11.83	14.65	18.15	22.00	24.68
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	23.00	19.00	20.45	1.09	22.91	18.25	19.35	20.45	21.61	22.72	23.40
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	225.00	215.00	221.21	1.02	227.83	214.78	218.06	221.21	224.41	227.32	229.08
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	21.00	8.30	13.69	1.64	27.31	6.86	9.79	13.69	19.16	25.91	31.04
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	130.00	35.00	71.27	1.75	154.78	32.82	48.88	71.27	103.92	145.88	178.68
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	12.00	10.00	10.98	1.08	12.17	9.90	10.44	10.98	11.54	12.08	12.41

CORE-HOLE G-S 11 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	5.80	2.50	3.38	1.49	5.88	1.94	2.58	3.38	4.42	5.64	6.51
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	3	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	1000.00	<10.00	294.48	9.55	6754.54	12.84	64.18	294.48	1351.14	5317.32	12064.56
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	10.00	10.00	10.00	1.00	10.03	9.97	9.98	10.00	10.02	10.03	10.04
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<50.00	<10.00	<22.36	2.53							
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<10.00	<56.23	3.16							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	8699.98	<50.00	1480.34	10.17	37007.58	59.22	309.41	1480.34	7082.56	28942.25	67162.88
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	1000.00	70.00	486.46	3.66	2942.40	80.42	202.73	486.46	1167.28	2564.53	4106.13
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	<50.00	10.00	33.44	2.24	102.17	10.94	19.42	33.44	57.56	98.81	125.64
01065*	NICKEL, DISSOLVED (UG/L AS NI)	4	20.00	<10.00	14.14	1.49	24.65	8.11	10.79	14.14	18.53	23.62	27.32
01075*	SILVER, DISSOLVED (UG/L AS AG)	4	<10.00	<10.00	<10.00	1.00							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	500.00	<100.00	265.91	2.19	787.37	89.81	156.85	265.91	450.82	724.73	962.65
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<10.00	<10.00									
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	2.90	1.90	2.35	1.35	5.83	0.95	1.92	2.35	2.87	3.44	3.84
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							

CORE-HOLE G-S 11 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.30	0.12	0.16	1.70	0.43	0.06	0.11	0.16	0.23	0.32	0.39
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	4	1.20	0.20	0.43	2.47	1.51	0.12	0.23	0.43	0.79	1.37	1.90
7189C*	MERCURY DISSOLVED (UG/L AS HG)	4	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 11 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
* -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	996.00	723.00	859.50	193.04	1446.86	272.14	729.20	859.50	989.80	1106.98	1177.05
00011#	TEMPERATURE, WATER (DEG. F)	2	42.62	42.08	42.35	0.38	43.51	41.19	42.09	42.35	42.61	42.84	42.98
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	99999.00	5.00									
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01006	ALUMINIUM (UG/L)	1	10.00	10.00									
01020*	BORON, DISSOLVED (UG/L AS B)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
09503	RADIUM (UG/L)	1	200.00	200.00									

END OF CORE-HOLE G-S 11 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 10/03/74 THRU 10/06/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	996.00	723.00	859.50	193.04	1446.86	272.14	729.20	859.50	989.80	1106.98	1177.05
00011#	TEMPERATURE, WATER (DEG. F)	2	42.62	42.08	42.35	0.38	43.51	41.19	42.09	42.35	42.61	42.84	42.98
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1150.00	930.00	1034.16	1.16	1632.15	655.27	934.60	1034.16	1144.33	1253.39	1323.51
00400#	PH (STANDARD UNITS)	2	6.90	6.80	6.85	0.07	7.06	6.64	6.80	6.85	6.90	6.94	6.97
00440*	BICARBONATE ION (MG/L AS HCO3)	2	1899.99	360.00	827.04	3.24	29639.20	23.08	373.86	827.04	1829.56	3736.20	5726.20
00445*	CARBONATE ION (MG/L AS CO3)	2	234.00	30.00	83.79	4.27	6958.36	1.01	31.43	83.79	223.34	539.34	913.78
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	2685.00	735.00	1404.80	2.50	22811.47	86.51	756.94	1404.80	2607.14	4546.34	6339.89
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.70	1.70	1.70	1.00	1.70	1.70	1.70	1.70	1.70	1.70	1.70
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	195.00	52.00	100.70	2.55	1730.01	5.86	53.58	100.70	189.24	333.72	468.52
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	52.00	13.00	26.00	2.67	513.21	1.32	13.42	26.00	50.39	91.36	130.40
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	16.00	4.60	8.58	2.41	125.36	0.59	4.73	8.58	15.55	26.56	36.57
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	940.00	210.00	444.30	2.89	11171.61	17.67	217.27	444.30	908.55	1728.75	2539.86
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	43.00	21.00	30.05	1.66	140.44	6.43	21.34	30.05	42.31	57.54	69.16
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	71.00	10.00	26.65	4.00	1807.64	0.39	10.45	26.65	67.91	157.51	260.50
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	300.00	<4.00	34.64	21.18	374782.69	0.00	4.41	34.64	271.99	1735.20	5255.82
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	4.70	4.20	4.44	1.08	5.66	3.49	4.21	4.44	4.69	4.92	5.06
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	14.00	10.00	11.83	1.27	24.40	5.74	10.08	11.83	13.89	16.05	17.50

CORE-HOLE G-S 11 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	2	1200.00	900.00	1039.23	1.23	1929.23	559.80	905.95	1039.23	1192.10	1348.69	1452.00
01025* CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	2	200.00	<10.00	44.72	8.32	28163.09	0.07	10.70	44.72	186.85	675.94	1458.34
01040* COPPER, DISSOLVED (UG/L AS CU)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01046* IRON, DISSOLVED (UG/L AS FE)	2	300.00	<50.00	122.47	3.55	5784.02	2.59	52.08	122.47	288.04	621.50	984.42
01049* LEAD, DISSOLVED (UG/L AS PB)	2	90.00	<50.00	67.08	1.52	237.58	18.94	50.67	67.08	88.81	114.29	132.90
01056* MANGANESE, DISSOLVED (UG/L AS MN)	2	<50.00	<50.00	<50.00	1.00							
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	<100.00	<100.00	1.00							
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503* GROSS ALPHA, DISSOLVED (PC/L)	2	9.50	3.00	5.34	2.26	63.75	0.45	3.08	5.34	9.25	15.18	20.40
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	4.30	0.80	1.85	3.28	69.13	0.05	0.83	1.85	4.14	8.52	13.12
71830* HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.30	0.10	0.17	2.17	1.84	0.02	0.10	0.17	0.29	0.47	0.62
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	2	1.10	<0.10	0.33	5.45	57.71	0.00	0.11	0.33	1.04	2.92	5.40

END OF CORE-HOLE G-S 11 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 10/03/74 THRU 10/06/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	8	478.90	457.02	465.57	7.34	471.56	459.59	460.62	465.57	470.53	474.98	477.64
00011#	TEMPERATURE, WATER (DEG. F)	8	57.60	50.90	55.54	2.40	57.49	53.58	53.92	55.54	57.16	58.62	59.49
00915	CALCIUM, DISSOLVED (MG/L AS CA)	7	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	7	99999.00	99999.00									
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	7	99999.00	2.00	6.07	1.90	11.52	3.20	3.94	6.07	9.36	13.81	17.43
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	7	5.00	0.01	0.53	9.16	3.87	0.07	0.12	0.53	2.38	9.14	20.43
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	7	10.00	2.00	4.84	1.60	7.36	3.19	3.53	4.84	6.64	8.82	10.45
01006*	ALUMINIUM (UG/L)	7	200.00	10.00	57.19	2.87	146.72	22.29	28.07	57.19	116.49	220.89	323.85
01020*	BORON, DISSOLVED (UG/L AS B)	7	500.00	100.00	348.55	1.91	621.97	195.33	225.08	348.55	539.74	799.79	1011.83
01040*	COPPER, DISSOLVED (UG/L AS CU)	7	10.00	1.00	3.06	2.95	8.05	1.16	1.47	3.06	6.35	12.26	18.17
01046*	IRON, DISSOLVED (UG/L AS FE)	7	500.00	10.00	27.70	4.41	104.39	7.35	10.17	27.70	75.43	185.72	318.33
C1049	LEAD, DISSOLVED (UG/L AS PB)	1	10.00	10.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	7	100.00	1.00	10.32	6.66	56.20	1.90	2.87	10.32	37.11	117.28	233.39
C1060*	MOLYBDENUM, DISS (UG/L AS MO)	5	20.00	1.00	2.89	4.36	15.67	0.53	1.07	2.89	7.79	19.03	32.47
01075	SILVER, DISSOLVED (UG/L AS AG)	1	<1.00	<1.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	7	100.00	50.00	90.57	1.30	114.47	71.67	75.89	90.57	108.09	126.72	139.35
01090*	ZINC, DISSOLVED (UG/L AS ZN)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

CORE-HOLE G-S 11 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C113C*	LITHIUM, DISSOLVED (UG/L AS LI)	5	10.00	1.00	3.98	3.53	16.97	0.93	1.70	3.98	9.33	20.05	31.70
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	3.16	3.78	20.02	0.50	1.29	3.16	7.76	17.38	28.17
09503	RADIUM (UG/L)	1	200.00	200.00									

END OF CORE-HOLE G-S 11 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/31/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "$$$$$.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 11 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	8	478.90	457.02	465.57	7.34	471.56	459.59	460.62	465.57	470.53	474.98	477.64
00011#	TEMPERATURE, WATER (DEG. F)	8	57.60	50.90	55.54	2.40	57.49	53.58	53.92	55.54	57.16	58.62	59.49
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	8	1512.00	979.00	1195.80	1.16	1353.68	1056.33	1079.12	1195.80	1325.10	1453.28	1535.78
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	8.80	0.90	2.81	5.01	380.07	0.02	0.95	2.81	8.36	22.23	39.92
00400#	PH (STANDARD UNITS)	8	7.20	6.10	6.82	0.35	7.11	6.54	6.59	6.82	7.06	7.27	7.40
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	8	440.00	310.00	341.10	1.11	372.57	312.28	317.06	341.10	366.96	391.38	407.59
00440*	BICARBONATE ION (MG/L AS HCO3)	8	500.00	350.00	403.75	1.11	438.55	371.71	377.03	403.75	432.36	459.81	477.05
00445*	CARBONATE ION (MG/L AS CO3)	8	30.00	<0.10	3.46	9.59	21.85	0.55	0.75	3.46	15.91	62.76	142.60
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	8	1060.00	780.00	836.07	1.11	907.64	770.15	781.11	836.07	894.90	951.32	986.76
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.80	0.80									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.10	<0.02	0.04	3.12	1.43	0.00	0.02	0.04	0.10	0.19	0.29
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	7	11.00	1.00	3.82	2.73	9.37	1.56	1.94	3.82	7.52	13.83	19.92
00720*	CYANIDE (MG/L AS CN)	8	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	0.60	0.98	2.00	8.08	0.12	0.61	0.98	1.56	2.38	3.07
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	7	360.00	175.00	210.82	1.28	262.79	169.14	178.51	210.82	248.98	289.16	316.23
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	8	56.00	19.00	25.32	1.42	33.74	19.01	19.97	25.32	32.11	39.76	45.17
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	8	54.00	29.00	36.29	1.23	42.89	30.70	31.59	36.29	41.67	47.20	50.85

CORE-HOLE G-S 11 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	8	255.00	210.00	227.18	1.06	237.81	217.03	218.74	227.18	235.94	244.11	249.13
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	4.00	2.20	2.97	1.53	10.74	0.82	2.23	2.97	3.95	5.10	5.95
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	8	17.00	<0.10	3.95	6.80	18.84	0.83	1.08	3.95	14.40	46.12	92.50
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	8	400.00	260.00	295.97	1.15	332.43	263.52	268.84	295.97	325.85	355.28	374.13
00950*	FLUORIDE, TOTAL (MG/L AS F)	8	3.00	1.80	2.59	1.17	2.95	2.27	2.32	2.59	2.88	3.17	3.36
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	8	26.00	14.00	18.00	1.19	20.73	15.62	16.01	18.00	20.24	22.49	23.95
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	7	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	8	900.00	200.00	428.14	1.96	740.99	247.37	271.86	428.14	674.25	1014.35	1294.96
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	20.00	10.00	10.91	1.28	13.32	8.93	9.24	10.91	12.87	14.93	16.32
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	<50.00	<10.00	<14.95	2.11							
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	<100.00	<10.00	<74.99	2.26							
01046*	IRON, DISSOLVED (UG/L AS FE)	8	15999.95	<5.00	788.57	15.69	7441.09	83.57	122.96	788.57	5057.02	26893.56	73057.56
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	800.00	<10.00	101.78	4.38	339.66	30.50	37.53	101.78	276.05	677.08	1157.89
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	8	300.00	50.00	96.35	2.15	180.00	51.57	57.42	96.35	161.65	257.43	340.03
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	60.00	10.00	18.17	2.10	38.16	8.65	11.01	18.17	30.00	47.08	61.65

CORE-HOLE G-S 11 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	7	1000.00	<10.00	19.31	5.70	91.50	4.07	5.96	19.31	62.51	179.81	338.23
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	8099.97	8099.97									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	8	2399.99	<100.00	340.67	3.08	852.60	136.12	159.40	340.67	728.10	1441.48	2168.68
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	300.00	<100.00	173.20	2.17	1841.14	16.29	102.52	173.20	292.61	468.89	621.65
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	4	10.00	1.30	2.79	2.50	9.95	0.78	1.50	2.79	5.18	9.03	12.60
03501*	GROSS BETA, DISSOLVED (PC/L)	2	36.00	4.00	12.00	4.73	1355.91	0.11	4.20	12.00	34.25	87.94	154.58
32730*	PHENOLS (UG/L)	2	5.00	<1.00	2.24	3.12	71.34	0.07	1.04	2.24	4.82	9.62	14.54
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	8	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	6	0.78	0.30	0.43	1.40	0.60	0.31	0.34	0.43	0.54	0.66	0.75
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	7	0.80	0.10	0.27	1.91	0.49	0.15	0.18	0.27	0.42	0.63	0.80
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	8	<10.00	<1.00	<3.76	2.94							

END OF CORE-HOLE G-S 11 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 03/31/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "<9999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1800.00	1391.00	1595.50	289.21	2475.46	715.54	1400.29	1595.50	1790.71	1966.26	2071.24
00011#	TEMPERATURE, WATER (DEG. F)	2	73.00	69.00	71.00	2.83	79.61	62.39	69.09	71.00	72.91	74.63	75.65
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	99999.00	99999.00									
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	31.67
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	1000.00	1000.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	500.00	500.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	500.00	50.00	158.11	5.09	22411.39	1.12	52.68	158.11	474.53	1274.91	2302.28

END OF CORE-HOLE G-S 12 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/12/74 THRU 09/15/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NC LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1800.00	1391.00	1595.50	289.21	2475.46	715.54	1400.29	1595.50	1790.71	1966.26	2071.24
00011#	TEMPERATURE, WATER (DEG. F)	2	73.00	69.00	71.00	2.83	79.61	62.39	69.09	71.00	72.91	74.63	75.65
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3749.99	2740.00	3205.46	1.25	6294.43	1632.38	2759.78	3205.46	3723.10	4259.62	4616.73
00400#	PH (STANDARD UNITS)	2	7.80	7.60	7.70	0.14	8.13	7.27	7.60	7.70	7.80	7.88	7.93
00440*	BICARBONATE ION (MG/L AS HCO3)	2	2469.99	1160.00	1692.68	1.71	8603.71	333.02	1180.13	1692.68	2427.85	3358.05	4076.88
00445*	CARBONATE ION (MG/L AS CO3)	2	330.00	200.00	256.90	1.42	754.57	87.47	202.28	256.90	326.27	404.51	460.00
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	3839.99	2079.99	2826.16	1.54	10569.27	755.69	2109.17	2826.16	3786.86	4926.73	5766.36
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.70	0.60	1.01	2.09	9.49	0.11	0.61	1.01	1.66	2.60	3.39
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	160.00	84.00	115.93	1.58	463.73	28.98	85.24	115.93	157.67	207.91	245.30
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	26.00	11.00	16.91	1.84	107.63	2.66	11.22	16.91	25.50	36.88	46.00
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	22.00	16.00	18.76	1.25	37.22	9.46	16.12	18.76	21.84	25.04	27.17
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	1200.00	620.00	862.55	1.60	3571.09	208.34	629.37	862.55	1182.13	1569.48	1859.38
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	44.00	<1.00	6.63	14.52	22783.04	0.00	1.09	6.63	40.38	204.89	541.22
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	96.00	21.00	44.90	2.93	1181.26	1.71	21.74	44.90	92.74	178.07	263.03
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	200.00	38.00	87.18	3.24	3105.72	2.45	39.46	87.18	192.60	392.84	601.66
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	4.90	4.00	4.43	1.15	6.85	2.86	4.02	4.43	4.88	5.32	5.61
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	13.00	12.00	12.49	1.06	14.84	10.51	12.02	12.49	12.98	13.43	13.71

CORE-HOLE G-S 12 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	2	1500.00	<50.00	273.86	11.08412624.06		0.18	54.01	273.86	1388.53	5977.99	14312.04
01025* CADMIUM, DISSOLVED (UG/L AS CD)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
C1030* CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	2	900.00	<50.00	212.13	7.72106494.50		0.42	53.39	212.13	842.84	2914.23	6119.67
01049* LEAD, DISSOLVED (UG/L AS PB)	2	120.00	50.00	77.46	1.86	509.45	11.78	51.00	77.46	117.64	171.29	214.45
01056* MANGANESE, DISSOLVED (UG/L AS MN)	2	<50.00	<50.00	<50.00	1.00							
01090 ZINC, DISSOLVED (UG/L AS ZN)	1	<500.00	<500.00									
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	<50.00	<70.71	1.63							
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503 GROSS ALPHA, DISSOLVED (PC/L)	1	11.00	11.00									
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	5.40	0.30	1.27	7.72	638.96	0.00	0.32	1.27	5.06	17.49	36.72
71830* HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	2.00	0.20	0.63	5.09	89.65	0.00	0.21	0.63	1.90	5.10	9.21
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	2	<0.10	<0.10	<0.10	1.00							

END OF CORE-HOLE G-S 12 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/12/74 THRU 09/15/74

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

CORE-HOLE G-S 12 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "$$$$$.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	2	57.20	41.72	49.46	10.95	82.77	16.15	42.07	49.46	56.85	63.49	67.47
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	4	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	4	5.00	1.00	2.11	1.94	5.29	0.85	1.35	2.11	3.30	4.93	6.26
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	10.00	5.00	8.41	1.41	13.60	5.20	6.65	8.41	10.63	13.11	14.87
01006*	ALUMINIUM (UG/L)	4	100.00	10.00	39.76	2.66	154.22	10.25	20.57	39.76	76.87	139.05	198.21
01020*	BORON, DISSOLVED (UG/L AS B)	4	500.00	100.00	149.53	2.24	456.91	48.94	86.86	149.53	257.42	419.55	561.88
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	50.00	5.00	14.95	2.67	58.58	3.82	7.70	14.95	29.05	52.78	75.44
01046*	IRON, DISSOLVED (UG/L AS FE)	4	100.00	50.00	70.71	1.49	123.23	40.57	53.97	70.71	92.64	118.11	136.58
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01075	SILVER, DISSOLVED (UG/L AS AG)	1	1.00	1.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	4	500.00	100.00	149.53	2.24	456.91	48.94	86.86	149.53	257.42	419.55	561.88
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	10.00	10.00	1.00	10.04	9.96	9.98	10.00	10.02	10.03	10.04
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	3	50.00	1.00	6.30	7.14	233.38	0.17	1.67	6.30	23.75	78.35	159.96

CORE-HOLE G-S 12 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C9503 RADIUM (UG/L)	1	300.00	300.00									

END OF CORE-HOLE G-S 12 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/02/75 THRU 04/09/75

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 12 AQUIFER L METHOD 2

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0011#	TEMPERATURE, WATER (DEG. F)	2	57.20	41.72	49.46	10.95	82.77	16.15	42.07	49.46	56.85	63.49	67.47
C0095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1689.99	1550.00	1651.40	1.04	1750.40	1557.99	1605.29	1651.40	1698.82	1742.63	1769.37
C0400*	PH (STANDARD UNITS)	4	7.60	6.60	7.07	0.55	7.84	6.31	6.70	7.07	7.45	7.78	7.98
C0410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	550.00	530.00	537.45	1.02	549.19	525.95	531.82	537.45	543.13	548.29	551.40
C0440*	BICARBONATE ION (MG/L AS HCO3)	4	670.00	645.00	653.68	1.02	668.94	638.77	646.38	653.68	661.05	667.76	671.80
C0445*	CARBONATE ION (MG/L AS CO3)	4	<0.10	<0.10	<0.10	1.00							
C0540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	1380.00	1300.00	1347.13	1.03	1397.07	1298.98	1323.50	1347.13	1371.19	1393.19	1406.52
C0720*	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
C0900*	HARDNESS, TOTAL (MG/L AS CACO3)	4	555.00	500.00	527.07	1.05	562.29	494.06	510.75	527.07	543.90	559.51	569.05
C0915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	110.00	72.00	87.79	1.23	117.45	65.62	76.20	87.79	101.14	114.87	123.95
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	80.00	69.00	74.09	1.08	82.21	66.78	70.44	74.09	77.93	81.56	83.80
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	4	305.00	265.00	288.24	1.07	317.16	261.95	275.14	288.24	301.96	314.85	322.82
C0940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	9.70	<1.00	4.03	3.00	18.50	0.88	1.92	4.03	8.46	16.47	24.53
C0945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	540.00	500.00	522.19	1.04	551.40	494.54	508.55	522.19	536.20	549.11	556.98
C0950*	FLUORIDE, TOTAL (MG/L AS F)	4	0.66	0.20	0.28	1.79	0.62	0.12	0.19	0.28	0.41	0.58	0.72
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	50.00	43.00	47.42	1.07	52.06	43.19	45.31	47.42	49.62	51.69	52.97
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							

CORE-HOLE G-S 12 AQUIFER L METHOD 2 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01005* BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	4	400.00	<100.00	244.95	1.84	573.12	104.69	162.01	244.95	370.34	537.10	670.81
01025* CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	4	120.00	<10.00	18.61	3.46	104.41	3.32	8.05	18.61	43.05	91.53	143.69
01046* IRON, DISSOLVED (UG/L AS FE)	4	310.00	200.00	246.96	1.28	346.44	176.05	209.48	246.96	291.15	337.60	368.84
01049* LEAD, DISSOLVED (UG/L AS PB)	4	30.00	<10.00	15.65	1.72	33.26	7.36	10.85	15.65	22.58	31.40	38.24
01056* MANGANESE, DISSOLVED (UG/L AS MN)	4	170.00	<50.00	84.51	1.86	200.50	35.62	55.52	84.51	128.64	187.70	235.28
01065* NICKEL, DISSOLVED (UG/L AS NI)	4	70.00	20.00	36.00	1.69	74.78	17.33	25.23	36.00	51.37	70.72	85.62
01075* SILVER, DISSOLVED (UG/L AS AG)	4	<10.00	<10.00	<10.00	1.00							
01090* ZINC, DISSOLVED (UG/L AS ZN)	4	100.00	10.00	37.61	3.20	189.25	7.47	17.14	37.61	82.52	167.28	255.26
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	4	500.00	<100.00	196.80	2.25	604.95	64.02	113.98	196.80	339.78	555.24	744.77
01145* SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.30	0.30	0.30	1.00	0.30	0.30	0.30	0.30	0.30	0.30	0.30
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	4	0.30	<0.10	0.16	1.72	0.33	0.07	0.11	0.16	0.23	0.31	0.38
71890* MERCURY DISSOLVED (UG/L AS HG)	4	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 12 AQUIFER L METHOD 2 WET SAMPLES REPORTING PERIOD IS 04/02/75 THRU 04/09/75

CORE-HOLE G-S 12 AQUIFER L METHOD 2

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	4	659.62	645.78	651.40	6.40	660.29	642.51	647.08	651.40	655.72	659.61	661.93
C0011#	TEMPERATURE, WATER (DEG. F)	3	65.30	57.20	62.40	4.51	70.69	54.11	59.35	62.40	65.45	68.19	69.82
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.01	0.10	10.00	6.87	0.00	0.02	0.10	0.47	1.91	4.42
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.01	5.01
01006*	ALUMINIUM (UG/L)	3	10.00	10.00	10.00	1.00	10.04	9.96	9.98	10.00	10.02	10.03	10.04
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	368.40	1.70	973.63	139.40	257.78	368.40	526.50	725.86	879.53
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01046*	IRON, DISSOLVED (UG/L AS FE)	3	20.00	10.00	12.60	1.49	26.28	6.04	9.62	12.60	16.51	21.05	24.34
01049	LEAD, DISSOLVED (UG/L AS PB)	1	10.00	10.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	20.00	1.00	4.47	8.32	2816.29	0.01	1.07	4.47	18.68	67.59	145.83
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	1.00	21.54	14.28	2848.80	0.16	3.58	21.54	129.64	651.11	1709.27
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	1.00	4.64	3.78	53.37	0.40	1.89	4.64	11.39	25.52	41.34
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

CORE-HOLE G-S 12 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C9503* RADIUM (UG/L)	2	900.00	100.00	300.00	4.73	33896.90	2.66	105.12	300.00	856.20	2198.59	3864.37

END OF CORE-HOLE G-S 12 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	659.62	645.78	651.40	6.38	660.25	642.55	647.09	651.40	655.70	659.57	661.89
00011#	TEMPERATURE, WATER (DEG. F)	3	65.30	57.20	62.40	4.51	70.69	54.11	59.35	62.40	65.45	68.19	69.82
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	3704.99	1300.00	2586.68	1.61	5003.11	1337.36	1876.79	2586.68	3565.08	4757.30	5653.12
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	18.80	1.90	5.98	5.06	828.07	0.04	2.00	5.98	17.85	47.73	85.96
00400#	PH (STANDARD UNITS)	4	8.00	7.00	7.47	0.41	8.05	6.90	7.20	7.47	7.75	8.00	8.15
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	1860.00	970.00	1401.75	1.37	2160.98	909.26	1135.67	1401.75	1730.16	2090.72	2341.30
00440*	BICARBONATE ION (MG/L AS HCO3)	4	2230.00	1110.00	1635.22	1.38	2552.59	1047.55	1316.81	1635.22	2030.63	2467.23	2771.98
00445*	CARBONATE ION (MG/L AS CO3)	4	150.00	7.50	40.12	3.46	224.45	7.17	17.37	40.12	92.69	196.79	308.71
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	2469.99	1560.00	2011.69	1.24	2696.63	1500.72	1744.51	2011.69	2319.79	2636.95	2846.98
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.90	1.90									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.19	0.51	0.92
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	10.00	5.80	8.28	1.27	11.59	5.91	7.03	8.28	9.75	11.30	12.34
00720*	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	2.20	1.00	1.48	1.75	8.09	0.27	1.02	1.48	2.16	3.03	3.71
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	195.00	60.00	110.40	1.80	326.59	37.32	74.11	110.40	164.45	235.32	291.57
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	13.00	4.10	8.09	1.63	16.00	4.09	5.81	8.09	11.27	15.19	18.15
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	42.00	9.60	22.54	1.91	55.27	9.19	14.57	22.54	34.86	51.61	65.26

CORE-HOLE G-S 12 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	4	1040.00	575.00	804.36	1.33	1196.29	540.83	663.15	804.36	975.62	1160.57	1287.52
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	10.00	1.10	3.32	4.76	382.95	0.03	1.16	3.32	9.51	24.53	43.23
C0940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	145.00	69.00	98.69	1.42	160.02	60.86	78.01	98.69	124.84	154.22	175.01
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	205.00	75.00	144.04	1.60	276.06	75.16	104.98	144.04	197.64	262.68	311.39
C0950*	FLUORIDE, TOTAL (MG/L AS F)	4	57.00	25.00	40.09	1.44	66.28	24.25	31.40	40.09	51.20	63.78	72.75
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	43.00	5.90	11.04	2.50	39.30	3.10	5.95	11.04	20.47	35.66	49.71
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	4399.98	100.00	1271.48	5.58	13838.18	116.83	398.21	1271.48	4059.77	11531.93	21530.14
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	20.00	<10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	18.54	21.03
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
C1040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	15999.95	<50.00	1099.98	14.40	44594.52	27.13	181.74	1099.98	6657.67	33611.44	88510.88
C1049*	LEAD, DISSOLVED (UG/L AS PB)	4	600.00	40.00	194.80	3.15	959.50	39.55	89.71	194.80	423.00	849.50	1289.02
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	300.00	<50.00	93.06	2.33	301.11	28.76	52.57	93.06	164.73	275.29	374.25
C1060	MOLYBDENUM, DISS (UG/L AS MO)	1	200.00	200.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	40.00	40.00	40.00	1.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00

CORE-HOLE G-S 12 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	400.00	400.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	900.00	<100.00	499.90	2.89	2135.75	112.37	233.40	489.90	1002.48	[illegible]	2805.11
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	1000.00	1000.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	10.00	4.30	6.64	1.53	14.42	3.05	4.99	6.64	8.83	11.41	13.30
03501*	GROSS BETA, DISSOLVED (PC/L)	3	53.00	12.00	32.10	2.34	153.59	6.71	18.06	32.10	57.05	95.70	130.40
32730*	PHENOLS (UG/L)	2	2.00	<1.00	1.41	1.63	6.28	0.32	1.02	1.41	1.97	2.65	3.17
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	1.10	1.00	1.07	1.06	1.18	0.96	1.03	1.07	1.11	1.14	1.17
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.50	0.10	0.22	2.24	0.95	0.05	0.12	0.22	0.37	0.61	0.81
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE G-S 12 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	3	649.60	646.90	648.37	1.35	650.85	645.88	647.45	648.37	649.28	650.10	650.59
00011# TEMPERATURE, WATER (DEG. F)	3	59.70	57.00	57.97	1.50	60.73	55.20	56.95	57.97	58.98	59.89	60.44
00915 CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
00930* SODIUM, DISSOLVED (MG/L AS NA)	3	10.00	5.00	6.30	1.49	13.14	3.02	4.81	6.30	8.25	10.52	12.17
00935* POTASSIUM, DISSOLVED (MG/L AS K)	3	2.00	1.00	1.26	1.49	2.63	0.60	0.96	1.26	1.65	2.10	2.43
00955* SILICA, DISSOLVED (MG/L AS SIO2)	3	2.00	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
01006* ALUMINIUM (UG/L)	3	500.00	50.00	135.72	3.26	1188.89	15.49	61.14	135.72	301.26	617.08	947.49
01020* BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	368.40	1.70	973.63	139.40	257.78	368.40	526.50	725.86	879.53
01040* COPPER, DISSOLVED (UG/L AS CU)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01046* IRON, DISSOLVED (UG/L AS FE)	3	20.00	20.00	20.00	1.00	20.07	19.93	19.98	20.00	20.02	20.05	20.06
01056* MANGANESE, DISSOLVED (UG/L AS MN)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01130* LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	1.00	4.64	3.78	53.37	0.40	1.89	4.64	11.39	25.52	41.34
01150* TITANIUM, DISSOLVED (UG/L AS TI)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

END OF CORE-HOLE G-S 12 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/27/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 12 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	3	649.60	646.90	648.37	1.35	650.85	645.88	647.45	648.37	649.28	650.10	650.59
00011#	TEMPERATURE, WATER (DEG. F)	3	59.70	57.00	57.97	1.50	60.73	55.20	56.95	57.97	58.98	59.89	60.44
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	1780.00	1600.00	1708.15	1.06	1896.32	1538.64	1643.80	1708.15	1775.01	1837.37	1875.71
00400#	PH (STANDARD UNITS)	3	6.90	6.40	6.70	0.26	7.19	6.21	6.52	6.70	6.88	7.04	7.14
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	3	392.00	295.50	344.84	1.15	448.46	265.16	313.10	344.84	379.79	414.23	436.30
00440*	BICARBONATE ION (MG/L AS HCO3)	3	470.00	350.00	396.87	1.16	524.73	300.16	358.17	396.87	439.76	482.27	509.63
00445*	CARBONATE ION (MG/L AS CO3)	3	54.00	6.70	17.17	2.88	120.02	2.46	8.41	17.17	35.08	66.70	97.94
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	3	1090.00	890.00	1002.96	1.11	1218.53	825.52	933.71	1002.96	1077.33	1148.91	1193.97
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	3	4.00	2.00	3.17	1.49	6.62	1.52	2.42	3.17	4.16	5.30	6.13
00720*	CYANIDE (MG/L AS CN)	3	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	530.00	350.00	433.77	1.23	635.43	296.11	377.00	433.77	499.10	566.20	610.56
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	3	67.00	16.00	37.19	2.12	147.35	9.39	22.43	37.19	61.68	97.20	127.59
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	88.00	76.00	80.50	1.08	92.94	69.72	76.36	80.50	84.87	88.99	91.56
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	265.00	120.00	188.31	1.50	397.90	89.12	143.06	188.31	247.89	317.39	367.96
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	3	21.00	11.00	14.79	1.39	26.95	8.11	11.86	14.79	18.44	22.48	25.31
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	3	470.00	410.00	435.96	1.07	495.23	383.79	416.02	435.96	456.86	476.52	488.67
00950*	FLUORIDE, TOTAL (MG/L AS F)	3	0.20	0.10	0.13	1.49	0.26	0.06	0.10	0.13	0.17	0.21	0.24

CORE-HOLE G-S 12 AQUIFER L METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	8.50	2.50	4.57	1.84	14.08	1.49	3.03	4.57	6.91	10.02	12.52
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	3	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	3	<1000.00	<1000.00	<1000.00	1.00							
C1020*	BORON, DISSOLVED (UG/L AS B)	3	700.00	<10.00	164.85	11.33	14250.02	1.91	32.03	164.85	848.56	3703.32	8938.63
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	3	20.00	10.00	12.60	1.49	26.28	6.04	9.62	12.60	16.51	21.05	24.34
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	3	<50.00	<10.00	<29.24	2.53							
C1040*	COPPER, DISSOLVED (UG/L AS CU)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01046*	IRON, DISSOLVED (UG/L AS FE)	3	9099.96	3599.99	6530.09	1.68	16875.57	2526.85	4606.99	6530.09	9255.95	12666.63	15280.43
01049*	LEAD, DISSOLVED (UG/L AS PB)	3	250.00	100.00	158.74	1.58	368.34	68.41	116.51	158.74	216.27	285.62	337.30
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	300.00	60.00	136.08	2.24	597.23	31.01	79.03	136.08	234.32	381.99	511.64
01065*	NICKEL, DISSOLVED (UG/L AS NI)	3	40.00	20.00	25.20	1.49	52.56	12.08	19.23	25.20	33.01	42.09	48.67
01075*	SILVER, DISSOLVED (UG/L AS AG)	3	<10.00	<10.00	<10.00	1.00							
C1090*	ZINC, DISSOLVED (UG/L AS ZN)	3	45999.88	900.00	3459.38	9.41	212511.69	56.31	761.92	3459.38	15706.83	61232.67	138150.31
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	3	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	5.40	0.30	1.27	7.72	638.96	0.00	0.32	1.27	5.06	17.49	36.72
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	3	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.30	<0.10	0.15	1.80	0.45	0.05	0.10	0.15	0.23	0.33	0.40

CORE-HOLE G-S 12 AQUIFER L METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.30	0.05	0.11	2.47	0.60	0.02	0.06	0.11	0.21	0.36	0.51
71890*	MERCURY DISSOLVED (UG/L AS HG)	3	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 12 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 04/27/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	3	994.00	641.00	813.67	176.62	1138.15	489.18	694.44	813.67	932.89	1040.10	1104.21
00011#	TEMPERATURE, WATER (DEG. F)	2	61.00	60.00	60.50	0.71	62.65	58.35	60.02	60.50	60.98	61.41	61.66
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	10.00	0.50	2.24	8.32	1408.15	0.00	0.54	2.24	9.34	33.80	74.92
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	5.00	10.00	2.67	197.39	0.51	5.16	10.00	19.38	35.14	50.15
01006*	ALUMINIUM (UG/L)	2	1000.00	500.00	707.10	1.63	3140.87	159.19	507.95	707.10	984.33	1325.35	1583.38
01020*	BORON, DISSOLVED (UG/L AS B)	2	1000.00	500.00	707.10	1.63	3140.87	159.19	507.95	707.10	984.33	1325.35	1583.38
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 12 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/08/74 THRU 09/10/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	3	994.00	641.00	813.67	176.62	1138.15	489.18	694.44	813.67	932.89	1040.10	1104.21
00011#	TEMPERATURE, WATER (DEG. F)	2	61.00	60.00	60.50	0.71	62.65	58.35	60.02	60.50	60.98	61.41	61.66
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	1740.00	1450.00	1551.40	1.10	1863.20	1291.78	1450.44	1551.40	1659.38	1762.89	1827.85
00400#	PH (STANDARD UNITS)	3	8.10	7.00	7.43	0.59	8.51	6.36	7.04	7.43	7.83	8.18	8.40
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	2095.00	2095.00									
00440*	BICARBONATE ION (MG/L AS HCO3)	3	2300.00	520.00	937.98	2.20	4000.29	219.93	550.49	937.98	1598.20	2580.80	3437.29
00445*	CARBONATE ION (MG/L AS CO3)	3	250.00	<0.10	11.82	65.76	25843.86	0.01	0.70	11.82	199.36	2530.14	11563.05
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	3	3139.99	1150.00	1685.05	1.72	4574.34	620.72	1167.50	1685.05	2432.03	3382.76	4120.68
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	575.00	43.00	224.07	4.20	3124.67	16.07	85.09	224.07	590.02	1409.26	2372.03
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	3	110.00	3.10	31.65	7.49	1279.99	0.78	8.13	31.65	123.25	418.48	869.29
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	83.00	8.60	31.79	3.23	274.16	3.69	14.40	31.79	70.16	142.97	218.85
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	780.00	240.00	365.11	1.93	1224.32	108.88	234.08	365.11	569.50	849.40	1078.80
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	21.00	1.50	5.61	6.46	1640.77	0.02	1.59	5.61	19.78	61.39	120.87
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	3	160.00	7.10	22.48	5.52	518.45	0.97	7.10	22.48	71.21	200.85	373.40
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	3	530.00	<4.00	99.88	16.24	16721.93	0.60	15.22	99.88	655.47	3558.87	9788.50
00950*	FLUORIDE, TOTAL (MG/L AS F)	3	5.00	2.80	3.98	1.36	7.02	2.26	3.23	3.98	4.90	5.91	6.61
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	34.00	3.00	9.93	3.37	92.41	1.07	4.38	9.93	22.54	47.10	73.18

CORE-HOLE G-S 12 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	2	300.00	<100.00	173.20	2.17	1841.14	16.29	102.52	173.20	292.61	468.89	621.65
01025* CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	3	70.00	<50.00	55.93	1.21	79.92	39.15	49.06	55.93	63.77	71.75	77.00
01049* LEAD, DISSOLVED (UG/L AS PB)	2	80.00	<50.00	63.25	1.39	173.85	23.01	50.54	63.25	79.15	96.84	109.26
01056* MANGANESE, DISSOLVED (UG/L AS MN)	3	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	2	2199.99	500.00	1048.81	2.85	25414.62	43.28	517.10	1048.81	2127.22	4017.83	5876.96
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	1.50	0.50	0.87	2.17	9.21	0.08	0.51	0.87	1.46	2.34	3.11
71830* HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.20	0.20	0.20	1.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	3	<0.10	<0.10	<0.10	1.00							

END OF CORE-HOLE G-S 12 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/08/74 THRU 09/10/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER U METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	1	57.70	57.70									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	10.00	10.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	2.00	2.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	5.00	5.00									
01006	ALUMINIUM (UG/L)	1	500.00	500.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	10.00	10.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	50.00	50.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									

END OF CORE-HOLE G-S 12 AQUIFER U METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/12/75 THRU 04/12/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 ACUIFER U METHOD 2

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	1	57.70	57.70									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1700.00	1700.00									
00400#	PH (STANDARD UNITS)	1	6.80	6.80									
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	530.00	530.00									
00440	BICARBONATE ION (MG/L AS HCO3)	1	640.00	640.00									
00445	CARBONATE ION (MG/L AS CO3)	1	<0.10	<0.10									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	1290.00	1290.00									
00681	CARBON, ORGANIC, DISS (MG/L AS C)	1	<1.00	<1.00									
00720	CYANIDE (MG/L AS CN)	1	<0.01	<0.01									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	580.00	580.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	92.00	92.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	85.00	85.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	260.00	260.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	14.00	14.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	480.00	480.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	0.20	0.20									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	46.00	46.00									

CCRE-HOLE G-S 12 AQUIFER U METHOD 2 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	<1000.00	<1000.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	1200.00	1200.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	20.00	20.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<50.00	<50.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	1799.99	1799.99									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<10.00	<10.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	30.00	30.00									
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	20.00	20.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	<10.00	<10.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	<100.00	<100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	1.60	1.60									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.25	0.25									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.40	0.40									

H20WASA-2

CCRE-HOLE G-S 12 AQUIFER U METHOD 2 — REPORT DATE 03/10/77 — PAGE 417

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71890 MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CCRE-HOLE G-S 12 AQUIFER U METHOD 2 WET SAMPLES REPORTING PERIOD IS 04/12/75 THRU 04/12/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	7	646.90	384.79	428.94	96.42	515.13	342.75	363.85	428.94	494.03	552.56	587.56
00011#	TEMPERATURE, WATER (DEG. F)	7	58.60	51.80	55.21	2.52	57.47	52.96	53.51	55.21	56.92	58.45	59.36
00915	CALCIUM, DISSOLVED (MG/L AS CA)	6	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	99999.00	99999.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	7	99999.00	5.00	7.07	1.49	12.32	4.06	5.40	7.07	9.26	11.81	13.66
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	7	5.00	0.01	0.31	10.24	2.45	0.04	0.06	0.31	1.47	6.03	14.04
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	7	5.00	5.00	5.00	1.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	10.00	10.00									
01006*	ALUMINIUM (UG/L)	6	200.00	10.00	68.13	2.82	192.01	24.17	33.83	68.13	137.21	257.52	375.26
01020*	BORON, DISSOLVED (UG/L AS B)	6	500.00	500.00	500.00	1.01	503.29	496.73	497.78	500.00	502.22	504.23	505.43
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	6.81	2.56	17.42	2.66	3.61	6.81	12.85	22.74	31.98
01046*	IRON, DISSOLVED (UG/L AS FE)	6	100.00	10.00	42.92	2.15	92.22	19.97	25.60	42.92	71.96	114.53	151.22
01049*	LEAD, DISSOLVED (UG/L AS PB)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	7	100.00	1.00	6.52	4.89	26.92	1.58	2.23	6.52	19.02	49.83	88.64
01060*	MOLYBDENUM, DISS (UG/L AS MO)	5	10.00	1.00	2.51	3.53	10.71	0.59	1.07	2.51	5.88	12.65	20.00
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	7	100.00	100.00	100.00	1.01	100.48	99.52	99.64	100.00	100.36	100.69	100.89
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

CORE-HOLE G-S 12 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	6	20.00	1.00	5.21	3.69	19.21	1.41	2.16	5.21	12.58	27.81	44.68
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	1.78	3.16	8.79	0.36	0.82	1.78	3.87	7.78	11.82

END OF CORE-HOLE G-S 12 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/27/75 THRU 11/11/76

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 12 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	7	646.90	384.79	428.94	96.42	515.13	342.75	363.85	428.94	494.03	552.56	587.56
00011# TEMPERATURE, WATER (DEG. F)	7	58.60	51.80	55.21	2.52	57.47	52.96	53.51	55.21	56.92	58.45	59.36
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	7	1830.00	1225.00	1467.38	1.18	1697.53	1268.43	1314.50	1467.38	1638.03	1808.38	1918.60
00340* CHEMICAL OXYGEN DEMAND, .25 N K2CRO7	2	110.00	4.90	23.22	9.02	18745.36	0.03	5.26	23.22	102.50	389.64	865.95
00400# PH (STANDARD UNITS)	7	7.60	6.10	6.61	0.49	7.05	6.18	6.28	6.61	6.94	7.24	7.42
00410* ALKALINITY, TOTAL (MG/L AS CACO3)	7	550.00	70.00	230.97	2.36	497.23	107.29	129.45	230.97	412.11	693.65	947.05
00440* BICARBONATE ION (MG/L AS HCO3)	7	580.00	85.00	276.15	2.30	581.13	131.22	157.45	276.15	484.34	802.74	1085.92
00445* CARBONATE ION (MG/L AS CO3)	7	<0.10	<0.10	<0.10	1.00							
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	7	1250.00	820.00	1029.51	1.17	1187.22	892.74	924.45	1029.51	1146.50	1263.01	1338.27
00608 NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.70	0.70									
00613* NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.30	<0.02	0.08	6.79	26.27	0.00	0.02	0.08	0.28	0.90	1.81
00681* CARBON, ORGANIC, DISS (MG/L AS C)	7	50.00	4.00	9.94	2.29	20.84	4.74	5.68	9.94	17.39	28.75	38.84
00720* CYANIDE (MG/L AS CN)	7	<0.01	<0.01	<0.01	1.00							
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	1.60	1.60	1.00	1.60	1.60	1.60	1.60	1.60	1.60	1.60
00900* HARDNESS, TOTAL (MG/L AS CACO3)	6	550.00	86.00	252.18	2.20	553.95	114.80	148.18	252.18	429.17	692.30	921.46
00915* CALCIUM, DISSOLVED (MG/L AS CA)	7	110.00	16.00	34.22	2.28	71.60	16.36	19.60	34.22	59.76	98.65	133.14
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	7	77.00	11.00	40.00	2.26	82.84	19.32	23.09	40.00	69.32	113.64	152.73

CORE-HOLE G-S 12 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930* SODIUM, DISSOLVED (MG/L AS NA)	7	300.00	160.00	239.90	1.24	289.87	198.54	207.95	239.90	276.74	314.69	339.82
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	1.10	2.35	2.92	60.95	0.09	1.14	2.35	4.83	9.25	13.65
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	7	55.00	4.10	14.21	2.41	31.18	6.47	7.85	14.21	25.72	43.86	60.35
00945* SULFATE, DISSOLVED (MG/L AS SO4)	7	540.00	420.00	474.64	1.12	524.10	429.85	440.41	474.64	511.53	547.15	569.62
00950* FLUORIDE, TOTAL (MG/L AS F)	7	0.30	0.10	0.17	1.66	0.26	0.11	0.12	0.17	0.23	0.32	0.38
00955* SILICA, DISSOLVED (MG/L AS SIO2)	7	39.00	0.60	6.64	4.08	23.33	1.89	2.57	6.64	17.15	40.25	67.05
01000* ARSENIC, DISSOLVED (UG/L AS AS)	7	<10.00	<10.00	<10.00	1.00							
01005* BARIUM, DISSOLVED (UG/L AS BA)	5	<1000.00	<1000.00	<1000.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	7	4799.98	<10.00	471.24	7.18	2746.48	80.86	124.50	471.24	1783.70	5904.21	12079.21
01025* CADMIUM, DISSOLVED (UG/L AS CD)	7	20.00	<10.00	11.04	1.30	13.95	8.74	9.25	11.04	13.18	15.45	16.99
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	7	<50.00	<10.00	<17.49	2.14							
01040* COPPER, DISSOLVED (UG/L AS CU)	7	<100.00	<100.00	<100.00	1.01							
01046* IRON, DISSOLVED (UG/L AS FE)	7	17999.97	<50.00	3257.64	7.89	20637.87	514.21	808.11	3257.64	13132.20	46002.33	97357.31
01049* LEAD, DISSOLVED (UG/L AS PB)	7	800.00	<10.00	91.86	5.32	409.55	20.60	29.71	91.86	284.01	783.73	1438.10
01056* MANGANESE, DISSOLVED (UG/L AS MN)	7	800.00	90.00	419.63	2.16	834.55	211.00	249.69	419.63	705.24	1124.85	1487.13
01060 MOLYBDENUM, DISS (UG/L AS MO)	1	100.00	100.00									
01065* NICKEL, DISSOLVED (UG/L AS NI)	5	40.00	20.00	26.39	1.46	40.83	17.06	20.42	26.39	34.10	42.94	49.28

CORE-HOLE G-S 12 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	5	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	2899.99	2899.99									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	7	3899.99	<100.00	387.43	3.99	1335.77	112.37	152.16	387.43	986.52	2286.25	3779.31
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	400.00	400.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	7	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	4	6.90	0.20	0.71	4.88	6.38	0.08	0.24	0.71	2.06	5.39	9.59
03501*	GROSS BETA, DISSOLVED (PC/L)	2	31.00	4.00	11.14	4.25	912.10	0.14	4.19	11.14	29.59	71.26	120.54
32730*	PHENOLS (UG/L)	2	11.00	<1.00	3.32	5.45	577.10	0.02	1.06	3.32	10.42	29.16	53.96
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	7	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	6	0.40	<0.10	0.21	1.90	0.41	0.11	0.14	0.21	0.33	0.49	0.61
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	6	0.90	0.10	0.28	2.34	0.66	0.12	0.16	0.28	0.50	0.84	1.14
71870*	BROMIDE (MG/L)	2	<0.10	0.04	0.06	1.91	0.45	0.01	0.04	0.06	0.10	0.15	0.18
71890*	MERCURY DISSOLVED (UG/L AS HG)	7	<10.00	<1.00	<3.27	2.95							

END OF CORE-HOLE G-S 12 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 04/27/75 THRU 11/11/76

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1751.00	1333.00	1542.00	295.57	2441.33	642.67	1342.49	1542.00	1741.51	1920.92	2028.21
00011#	TEMPERATURE, WATER (DEG. F)	2	45.68	42.98	44.33	1.91	50.14	38.52	43.04	44.33	45.62	46.78	47.47
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	99999.00	99999.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	2	99999.00	20.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020*	BORON, DISSOLVED (UG/L AS B)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	50.00	50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	50.00	50.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	1000.00	500.00	707.10	1.63	3140.87	159.19	507.95	707.10	984.33	1325.35	1583.38

END OF CORE-HOLE G-S 13 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/25/74 THRU 09/27/74

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	2	1751.00	1333.00	1542.00	295.57	2441.33	642.67	1342.49	1542.00	1741.51	1920.92	2028.21
00011# TEMPERATURE, WATER (DEG. F)	2	45.68	42.98	44.33	1.91	50.14	38.52	43.04	44.33	45.62	46.78	47.47
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3499.99	1350.00	2173.70	1.96	16878.79	279.94	1379.52	2173.70	3425.09	5155.26	6583.35
00400# PH (STANDARD UNITS)	2	7.60	7.00	7.30	0.42	8.59	6.01	7.01	7.30	7.59	7.84	8.00
00440* BICARBONATE ION (MG/L AS HCO3)	2	2290.00	1550.00	1884.01	1.32	4362.89	813.56	1563.79	1884.01	2269.79	2683.75	2966.54
00445* CARBONATE ION (MG/L AS CO3)	2	220.00	205.00	212.37	1.05	247.32	182.35	205.31	212.37	219.67	226.45	230.60
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	2434.99	2280.00	2356.22	1.05	2712.68	2046.59	2283.71	2356.22	2431.02	2500.31	2542.69
00746 SULFIDE, DISSOLVED (MG/L AS S)	1	3.40	3.40									
00900* HARDNESS, TOTAL (MG/L AS CACO3)	2	58.00	39.00	47.56	1.32	111.71	20.25	39.35	47.56	57.48	68.15	75.46
00915* CALCIUM, DISSOLVED (MG/L AS CA)	2	11.00	7.80	9.26	1.28	19.41	4.42	7.86	9.26	10.91	12.65	13.82
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	2	9.30	2.70	5.01	2.40	71.70	0.35	2.78	5.01	9.04	15.38	21.12
00930* SODIUM, DISSOLVED (MG/L AS NA)	2	900.00	700.00	793.72	1.19	1363.13	462.17	703.99	793.72	894.90	996.84	1063.28
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	74.00	64.00	68.82	1.11	94.05	50.36	64.21	68.82	73.76	78.50	81.48
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	2	57.00	21.00	34.60	2.03	296.52	4.04	21.48	34.60	55.72	95.54	110.53
00945* SULFATE, DISSOLVED (MG/L AS SO4)	2	10.00	<4.00	6.32	1.91	45.41	0.88	4.08	6.32	9.79	14.51	18.36
00950* FLUORIDE, TOTAL (MG/L AS F)	2	4.30	2.30	3.14	1.56	12.08	0.82	2.33	3.14	4.24	5.55	6.51
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	9.30	6.40	7.71	1.30	17.24	3.45	6.45	7.71	9.22	10.83	11.92

CORE-HOLE G-S 13 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01020*	BORON, DISSOLVED (UG/L AS B)	2	1200.00	800.00	979.79	1.33	2343.62	409.62	807.44	979.79	1188.93	1414.87	1570.01
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	14.00	<10.00	11.83	1.27	24.40	5.74	10.08	11.83	13.89	16.05	17.50
C1030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	200.00	<10.00	44.72	8.32	28163.09	0.07	10.70	44.72	186.85	675.94	1458.34
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	<50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	170.00	90.00	123.69	1.57	485.98	31.48	91.31	123.69	167.56	220.16	259.20
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	110.00	<50.00	74.16	1.75	404.48	13.60	50.90	74.16	108.05	151.56	185.56
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
03501*	GROSS BETA, DISSOLVED (PC/L)	2	26.00	20.00	22.80	1.20	40.10	12.97	20.12	22.80	25.85	29.93	30.94
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	3.50	3.30	3.40	1.04	3.86	2.99	3.30	3.40	3.50	3.58	3.64
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.40	0.40									
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.60	<0.10	0.24	3.55	11.57	0.01	0.10	0.24	0.58	1.24	1.97

END OF CORE-HOLE G-S 13 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/25/74 THRU 09/27/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	4	584.91	572.26	576.96	6.01	585.30	568.63	572.91	576.96	581.02	584.67	586.85
00011*	TEMPERATURE, WATER (DEG. F)	4	62.60	55.40	58.15	3.40	62.86	53.44	55.86	58.15	60.44	62.50	63.74
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	5.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	0.10	0.01	0.03	5.09	4.48	0.00	0.01	0.03	0.09	0.25	0.46
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.01	5.01
01006*	ALUMINUM (UG/L)	3	100.00	20.00	46.42	2.24	204.53	10.53	26.92	46.42	80.04	130.66	175.15
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	368.40	1.70	973.63	139.40	257.78	368.40	526.50	725.86	879.53
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	5.00	1.00	2.24	3.12	71.34	0.07	1.04	2.24	4.82	9.62	14.54
01046*	IRON, DISSOLVED (UG/L AS FE)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01049	LEAD, DISSOLVED (UG/L AS PB)	1	10.00	10.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	20.00	1.00	4.47	8.32	2816.29	0.01	1.07	4.47	18.68	67.59	145.83
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

CORE-HOLE G-S 13 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C9SC3* RADIUM (UG/L)	2	700.00	100.00	264.57	3.96	17408.89	4.02	104.52	264.57	669.74	1543.96	2544.22

END OF CORE-HOLE G-S 13 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER L METHOD 3

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	584.91	572.26	576.96	6.01	585.30	568.63	572.91	576.96	581.02	584.67	586.85
00011#	TEMPERATURE, WATER (DEG. F)	4	62.60	55.40	58.15	3.40	62.86	53.44	55.86	58.15	60.44	62.50	63.74
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	3480.99	1485.00	2367.34	1.49	4111.16	1363.19	1810.05	2367.34	3096.22	3941.48	4553.53
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	4.90	2.20	3.28	1.76	18.39	0.59	2.24	3.28	4.81	6.79	8.33
00400#	PH (STANDARD UNITS)	4	7.40	7.10	7.22	0.13	7.40	7.05	7.14	7.22	7.31	7.39	7.43
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	1670.00	1280.00	1390.06	1.13	1652.76	1169.11	1277.83	1390.06	1512.14	1631.05	1706.59
00440*	BICARBONATE ION (MG/L AS HCO3)	4	1830.00	1500.00	1625.41	1.09	1831.38	1442.60	1533.78	1625.41	1722.50	1814.77	1872.29
00445*	CARBONATE ION (MG/L AS CO3)	4	205.00	<0.10	14.65	30.46	1680.05	0.13	1.46	14.65	147.05	1169.64	4042.29
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	2330.00	1390.00	1732.84	1.24	2344.93	1280.52	1495.79	1732.84	2007.45	2291.38	2480.01
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.40	1.40									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.40	<0.02	0.09	8.32	56.33	0.00	0.02	0.09	0.37	1.35	2.92
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	13.00	7.30	9.33	1.29	13.34	6.53	7.85	9.33	11.11	12.98	14.25
00720*	CYANIDE (MG/L AS CN)	4	0.01	0.01	0.01	1.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	<0.10	0.40	7.10	155.86	0.00	0.11	0.40	1.50	4.94	10.06
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	76.00	48.00	57.46	1.28	90.20	36.60	48.68	57.46	67.81	78.71	86.04
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	9.00	4.90	7.19	1.31	10.43	4.96	6.00	7.19	8.62	10.14	11.18
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	16.00	6.20	10.17	1.58	19.21	5.38	7.46	10.17	13.85	18.30	21.61

CORE-HOLE G-S 13 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	1000.00	600.00	730.92	1.25	992.34	538.37	629.93	730.92	848.10	969.43	1050.14
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	1.90	1.80	1.85	1.04	2.08	1.65	1.80	1.85	1.90	1.94	1.97
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	89.00	23.00	44.92	1.76	98.16	20.56	30.71	44.92	65.70	92.47	113.45
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	100.00	15.00	32.57	2.56	119.88	8.85	17.28	32.57	61.38	108.52	152.59
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	66.00	13.00	30.01	1.96	76.29	11.80	19.06	30.01	47.24	71.04	90.68
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	10.00	4.70	6.88	1.36	10.56	4.48	5.58	6.88	8.47	10.22	11.43
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	3699.99	200.00	1228.70	3.73	7641.50	197.56	505.18	1228.70	2988.45	6646.03	10718.79
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	7599.96	<50.00	673.04	10.10	16663.95	27.18	141.34	673.04	3205.03	13041.85	30168.35
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	1400.00	70.00	414.08	3.55	2403.81	71.33	176.05	414.08	973.95	2101.68	3329.09
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	200.00	<50.00	79.53	1.92	196.99	32.11	51.16	79.53	123.62	183.81	233.02
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	50.00	40.00	44.72	1.17	72.28	27.67	40.20	44.72	49.75	54.75	57.97

CORE-HOLE G-S 13 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	400.00	400.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	500.00	100.00	196.80	2.25	604.95	64.02	113.98	196.80	339.78	555.24	744.77
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	600.00	600.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	400.00	<100.00	200.00	2.67	3947.79	10.13	103.20	200.00	387.60	702.75	1003.08
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	22.00	4.30	8.09	2.40	40.47	1.62	4.48	8.09	14.62	24.88	34.20
03501	GROSS BETA, DISSOLVED (PC/L)	1	79.00	79.00									
32730*	PHENOLS (UG/L)	2	98.00	<1.00	9.90	25.59	190428.31	0.00	1.11	9.90	88.31	631.94	2050.14
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	1.50	0.70	1.02	1.46	2.05	0.50	0.79	1.02	1.31	1.66	1.90
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	1.40	0.20	0.38	3.08	3.01	0.05	0.18	0.38	0.82	1.62	2.43
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE G-S 13 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	3	578.10	573.80	575.30	2.45	579.80	570.80	573.65	575.30	576.95	578.44	579.33
C0011#	TEMPERATURE, WATER (DEG. F)	3	60.40	56.10	57.60	2.43	62.06	53.14	55.96	57.60	59.24	60.71	61.59
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	2.00	0.10	0.58	4.80	10.43	0.03	0.20	0.58	1.69	4.37	7.72
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	10.00	5.00	6.30	1.49	13.14	3.02	4.81	6.30	8.25	10.52	12.17
01006*	ALUMINIUM (UG/L)	5	200.00	10.00	46.42	4.48	729.20	2.95	16.87	46.42	127.69	317.25	546.70
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	100.00	215.44	2.24	949.35	48.89	124.93	215.44	371.52	606.46	812.95
C1040*	COPPER, DISSOLVED (UG/L AS CU)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
01046*	IRON, DISSOLVED (UG/L AS FE)	5	50.00	10.00	21.54	2.24	94.94	4.89	12.49	21.54	37.15	60.65	81.30
01049	LEAD, DISSOLVED (UG/L AS PB)	1	10.00	10.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	100.00	1.00	10.00	25.95	200908.06	0.00	1.11	10.00	90.07	650.16	2120.21
01060*	MOLYBDENUM, DISS (UG/L AS MO)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
C1150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

END OF CORE-HOLE G-S 13 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/27/75 THRU 06/11/75

CORE-HOLE G-S 13 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER L METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	3	578.10	573.80	575.30	2.45	579.80	570.80	573.65	575.30	576.95	578.44	579.33
00011*	TEMPERATURE, WATER (DEG. F)	3	60.40	56.10	57.60	2.43	62.06	53.14	55.96	57.60	59.24	60.71	61.59
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	1600.00	1530.00	1566.40	1.02	1630.18	1505.11	1543.60	1566.40	1589.53	1610.63	1623.39
00400*	PH (STANDARD UNITS)	3	7.80	7.20	7.43	0.32	8.02	6.84	7.22	7.43	7.65	7.85	7.96
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	3	594.00	493.00	541.76	1.10	642.92	456.52	508.74	541.76	576.93	610.51	631.51
00440*	BICARBONATE ION (MG/L AS HCO3)	3	630.00	495.00	576.69	1.14	735.96	451.88	527.26	576.69	630.75	693.67	717.43
00445*	CARBONATE ION (MG/L AS CO3)	3	110.00	28.00	67.53	2.15	274.81	16.60	40.32	67.53	113.10	179.83	237.30
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	3	990.00	890.00	942.43	1.05	1039.45	854.46	909.10	942.43	976.98	1009.12	1028.65
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	3	8.00	2.00	3.63	2.04	13.46	0.98	2.25	3.63	5.88	9.06	11.74
00720*	CYANIDE (MG/L AS CN)	3	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	620.00	170.00	297.57	1.94	1008.34	87.82	190.04	297.57	465.94	697.35	887.52
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	3	21.00	13.00	17.90	1.32	29.76	10.76	14.85	17.90	21.58	25.52	28.22
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	51.00	34.00	43.66	1.24	65.25	29.22	37.67	43.66	50.61	57.79	62.57
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	300.00	270.00	288.03	1.06	319.48	259.67	277.27	288.03	299.21	309.63	316.03
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	3	21.00	14.00	16.40	1.24	24.43	11.01	14.17	16.40	18.98	21.66	23.43
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	3	260.00	110.00	188.72	1.60	447.65	79.56	137.40	188.72	259.20	344.81	408.98
00950*	FLUORIDE, TOTAL (MG/L AS F)	3	12.00	6.20	8.05	1.42	15.35	4.22	6.35	8.05	10.20	12.63	14.34

CORE-HOLE G-S 13 AQUIFER L METHOD 3A

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955* SILICA, DISSOLVED (MG/L AS SIO2)	3	3.10	2.30	2.71	1.16	3.58	2.05	2.45	2.71	3.01	3.30	3.48
01000* ARSENIC, DISSOLVED (UG/L AS AS)	3	<10.00	<10.00	<10.00	1.00							
01005* BARIUM, DISSOLVED (UG/L AS BA)	3	<1000.00	<1000.00	<1000.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	3	940.00	80.00	195.92	3.91	2394.85	16.03	78.09	195.92	491.51	1123.97	1843.22
01025* CADMIUM, DISSOLVED (UG/L AS CD)	3	20.00	<10.00	12.60	1.49	26.28	6.04	9.62	12.60	16.51	21.05	24.34
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	3	<50.00	<10.00	<17.10	2.53							
01040* COPPER, DISSOLVED (UG/L AS CU)	3	<100.00	<100.00	<100.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	3	2899.99	500.00	1295.64	2.43	6621.89	253.51	711.49	1295.64	2359.40	4044.78	5583.25
01049* LEAD, DISSOLVED (UG/L AS PB)	3	390.00	40.00	167.27	3.48	1650.10	16.96	72.14	167.27	387.85	826.27	1298.81
01056* MANGANESE, DISSOLVED (UG/L AS MN)	3	<50.00	10.00	29.24	2.53	161.20	5.30	15.62	29.24	54.75	96.23	134.84
01065* NICKEL, DISSOLVED (UG/L AS NI)	3	40.00	10.00	20.00	2.00	71.46	5.60	12.53	20.00	31.93	48.64	62.55
01075* SILVER, DISSOLVED (UG/L AS AG)	3	<10.00	<10.00	<10.00	1.00							
01090* ZINC, DISSOLVED (UG/L AS ZN)	3	1200.00	100.00	509.16	4.10	6791.89	38.17	196.54	509.16	1319.03	3104.61	5179.93
01145* SELENIUM, DISSOLVED (UG/L AS SE)	3	<10.00	<10.00	<10.00	1.00							
01503* GROSS ALPHA, DISSOLVED (PC/L)	3	3.90	1.90	2.41	1.51	5.18	1.13	1.82	2.41	3.20	4.11	4.78
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	3	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.40	0.12	0.21	1.83	0.64	0.07	0.14	0.21	0.32	0.46	0.57

CORE-HOLE G-S 13 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.40	0.15	0.23	1.66	0.58	0.09	0.16	0.23	0.32	0.44	0.52
71890*	MERCURY DISSOLVED (UG/L AS HG)	3	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 13 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 04/27/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	1	808.00	808.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	41.90	41.90									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	30.00	30.00									
01006	ALUMINIUM (UG/L)	1	50.00	50.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	2000.00	2000.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	20.00	20.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	<50.00	<50.00									

END OF CORE-HOLE G-S 13 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/22/74 THRU 09/22/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	808.00	808.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	41.90	41.90									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1100.00	1100.00									
00400#	PH (STANDARD UNITS)	1	7.10	7.10									
00440	BICARBONATE ION (MG/L AS HCO3)	1	525.00	525.00									
00445	CARBONATE ION (MG/L AS CO3)	1	33.00	33.00									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	1370.00	1370.00									
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	<0.10	<0.10									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	370.00	370.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	61.00	61.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	53.00	53.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	295.00	295.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	<1.00	<1.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	6.10	6.10									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	480.00	480.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	2.30	2.30									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	30.00	30.00									

CORE-HOLE G-S 13 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	1200.00	1200.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	<50.00	<50.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<50.00	<50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	<50.00	<50.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	<500.00	<500.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<50.00	<50.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	0.90	0.90									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	0.20	0.20									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.90	0.90									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10									

END OF CORE-HOLE G-S 13 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/22/74 THRU 09/22/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM

CORE-HOLE G-S 13 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	7	387.50	381.04	384.10	2.02	385.91	382.29	382.73	384.10	385.46	386.69	387.43
00011*	TEMPERATURE, WATER (DEG. F)	7	57.20	51.30	54.61	2.07	56.47	52.76	53.21	54.61	56.01	57.27	58.03
00915	CALCIUM, DISSOLVED (MG/L AS CA)	6	99999.00	10.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	99999.00	10.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	6	99999.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.01	5.01
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	6	1.00	0.01	0.22	6.55	1.41	0.03	0.06	0.22	0.77	2.40	4.75
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	6	10.00	2.00	4.64	2.06	9.55	2.26	2.85	4.64	7.56	11.71	15.22
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01006*	ALUMINIUM (UG/L)	6	100.00	1.00	19.19	5.96	114.27	3.22	5.75	19.19	64.07	139.42	362.21
01020*	BORON, DISSOLVED (UG/L AS B)	6	500.00	100.00	292.40	2.30	670.73	127.47	166.86	292.40	512.40	848.60	1147.41
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	5.00	1.00	1.50	2.24	4.57	0.49	0.87	1.50	2.57	4.20	5.62
01046*	IRON, DISSOLVED (UG/L AS FE)	6	50.00	10.00	25.10	2.22	55.61	11.33	14.66	25.10	42.96	69.66	93.01
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	5	50.00	1.00	5.49	5.41	38.26	0.79	1.76	5.49	17.17	47.83	88.27
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	5	500.00	50.00	120.11	2.34	319.87	45.10	67.59	120.11	213.46	358.00	487.73
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05

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CORE-HOLE G-S 13 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01130* LITHIUM, DISSOLVED (UG/L AS LI)	4	10.00	1.00	3.16	3.78	20.02	0.50	1.29	3.16	7.76	17.38	28.17
01150* TITANIUM, DISSOLVED (UG/L AS TI)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

END OF CORE-HOLE G-S 13 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/27/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 13 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	7	387.50	381.04	384.10	2.02	385.91	382.29	382.73	384.10	385.46	386.69	387.43
00011*	TEMPERATURE, WATER (DEG. F)	7	57.20	51.30	54.61	2.07	56.47	52.76	53.21	54.61	56.01	57.27	58.03
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	7	1710.00	1370.00	1527.54	1.08	1631.79	1429.94	1453.25	1527.54	1605.62	1679.24	1724.87
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	4.30	<0.10	0.66	14.29	2143.57	0.00	0.11	0.66	3.95	19.84	52.09
00400*	PH (STANDARD UNITS)	7	7.00	6.10	6.71	0.36	7.03	6.39	6.47	6.71	6.96	7.17	7.30
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	7	565.00	399.00	475.58	1.12	527.19	429.03	439.99	475.58	514.06	551.31	574.86
00440*	BICARBONATE ION (MG/L AS HCO3)	7	690.00	435.00	553.45	1.18	642.71	476.58	494.35	553.45	619.60	685.82	728.76
00445*	CARBONATE ION (MG/L AS CO3)	7	66.00	<0.10	2.85	24.06	48.98	0.17	0.33	2.85	24.42	152.31	533.97
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	7	1320.00	1010.00	1127.78	1.11	1235.17	1029.72	1052.91	1127.78	1207.96	1284.93	1333.28
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.30	0.30									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.40	<0.02	0.09	8.32	56.33	0.00	0.02	0.09	0.37	1.35	2.92
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	7	21.00	2.00	6.96	2.28	14.55	3.33	3.98	6.96	12.14	20.04	27.05
00720*	CYANIDE (MG/L AS CN)	7	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	3.20	1.60	2.26	1.63	10.05	0.51	1.63	2.26	3.15	4.24	5.07
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	6	555.00	380.00	474.84	1.14	542.93	415.29	433.74	474.84	519.84	563.94	592.08
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	7	105.00	9.80	42.48	2.17	84.95	21.25	25.18	42.48	71.69	114.77	152.06
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	7	115.00	72.00	84.36	1.18	97.93	72.67	75.38	84.36	94.42	104.49	111.01

CORE-HOLE G-S 13 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	7	250.00	200.00	220.71	1.09	238.54	204.22	208.14	220.71	234.04	246.72	254.63
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	2.00	1.40	1.67	1.29	3.60	0.78	1.41	1.67	1.98	2.31	2.53
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	7	14.00	8.20	11.04	1.27	13.64	8.93	9.41	11.04	12.95	14.95	16.29
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	7	480.00	345.00	405.66	1.14	455.10	361.59	371.92	405.66	442.46	478.40	501.27
00950*	FLUORIDE, TOTAL (MG/L AS F)	7	0.90	0.10	0.17	2.57	0.40	0.07	0.09	0.17	0.33	0.58	0.81
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	7	37.00	16.00	21.07	1.36	27.69	16.03	17.14	21.07	25.90	31.18	34.85
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	7	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	5	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	7	1600.00	20.00	261.97	4.72	1049.72	65.38	91.84	261.97	747.24	1917.94	3369.88
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	7	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	7	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	7	<100.00	<100.00	<100.00	1.01							
01046*	IRON, DISSOLVED (UG/L AS FE)	7	14999.96	<50.00	2200.35	6.41	11586.99	417.84	627.60	2200.35	7714.38	23835.69	46796.64
01049*	LEAD, DISSOLVED (UG/L AS PB)	7	1100.00	80.00	349.23	3.03	941.42	129.55	165.16	349.23	738.46	1448.02	2166.03
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	7	400.00	70.00	151.02	1.87	264.25	86.31	98.99	151.02	230.42	336.90	422.83
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	5	40.00	20.00	30.31	1.46	46.91	19.59	23.46	30.31	39.17	49.32	56.61

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CORE-HOLE G-S 13 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	5	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	2000.00	2000.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	7	3699.99	<100.00	609.03	3.73	1976.48	187.66	250.36	609.03	1481.50	3295.14	5314.86
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	800.00	<100.00	282.84	4.35	24804.75	3.23	104.83	282.84	763.10	1862.95	3176.91
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	7	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	5	9.70	0.40	1.26	3.37	5.11	0.31	0.56	1.26	2.87	5.99	9.31
03501	GROSS BETA, DISSOLVED (PC/L)	1	48.00	48.00									
32730*	PHENOLS (UG/L)	2	35.00	<1.00	5.92	12.35	12419.21	0.00	1.08	5.92	32.29	148.51	369.89
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	7	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	6	0.80	<0.10	0.28	2.36	0.66	0.12	0.16	0.28	0.50	0.84	1.15
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	6	7.00	0.20	0.60	3.75	2.23	0.16	0.24	0.60	1.45	3.24	5.24
71870*	BROMIDE (MG/L)	2	<0.10	0.05	0.07	1.63	0.31	0.02	0.05	0.07	0.10	0.13	0.16
71890*	MERCURY DISSOLVED (UG/L AS HG)	7	<10.00	<1.00	<3.27	2.95							

END OF CORE-HOLE G-S 13 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 04/27/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 14 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	1794.00	1331.00	1562.50	327.39	2558.64	566.36	1341.51	1562.50	1783.49	1982.21	2101.06
00011#	TEMPERATURE, WATER (DEG. F)	2	44.96	44.06	44.51	0.64	46.45	42.57	44.08	44.51	44.94	45.33	45.56
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	5.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	5.01	5.01
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	31.67
01020*	BORON, DISSOLVED (UG/L AS B)	2	1000.00	500.00	707.10	1.63	3140.87	159.19	507.95	707.10	984.33	1325.35	1583.38
01046*	IRON, DISSOLVED (UG/L AS FE)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
C1130	LITHIUM, DISSOLVED (UG/L AS LI)	1	500.00	500.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 14 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 10/18/74 THRU 10/22/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 14 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	1794.00	1331.00	1562.50	327.39	2558.64	566.36	1341.51	1562.50	1783.49	1982.21	2101.06
C0011#	TEMPERATURE, WATER (DEG. F)	2	44.96	44.06	44.51	0.64	46.45	42.57	44.08	44.51	44.94	45.33	45.56
C0095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3199.99	2499.99	2828.42	1.19	4810.21	1663.12	2514.09	2828.42	3182.04	3537.63	3769.00
C0400#	PH (STANDARD UNITS)	2	8.50	7.40	7.95	0.78	10.32	5.58	7.42	7.95	8.48	8.95	9.23
C0440*	BICARBONATE ION (MG/L AS HCO3)	2	1960.00	1770.00	1862.58	1.07	2318.45	1496.34	1774.27	1862.58	1955.27	2042.56	2096.62
C0445*	CARBONATE ION (MG/L AS CO3)	2	270.00	<0.10	5.20	266.89386	512.00	0.00	0.12	5.20	225.66	6702.65	50934.07
C0540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	2499.99	2074.99	2277.60	1.14	3402.14	1524.76	2083.60	2277.60	2489.65	2697.15	2829.42
C0746*	SULFIDE, DISSOLVED (MG/L AS S)	2	12.00	1.70	4.52	3.98	302.59	0.07	1.78	4.52	11.48	26.56	43.86
C0900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	180.00	33.00	77.07	3.32	2965.01	2.00	34.30	77.07	173.20	358.73	554.47
C0915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	27.00	11.00	17.23	1.89	118.96	2.50	11.23	17.23	26.45	38.89	48.98
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	27.00	1.20	5.69	9.04	4618.39	0.01	1.29	5.69	25.16	95.73	212.87
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	2	680.00	480.00	571.31	1.28	1208.85	270.01	483.80	571.31	674.66	793.46	856.74
C0935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	10.00	9.30	9.64	1.05	11.27	8.25	9.32	9.64	9.98	10.30	10.49
C0940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	71.00	7.10	22.45	5.09	3182.40	0.16	7.48	22.45	67.38	181.04	326.92
C0945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	300.00	<4.00	34.64	21.18374	782.69	0.00	4.41	34.64	271.99	1735.20	5255.82
C0950*	FLUORIDE, TOTAL (MG/L AS F)	2	4.40	4.30	4.35	1.02	4.57	4.14	4.30	4.35	4.40	4.44	4.47
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	15.00	10.00	12.25	1.33	29.30	5.12	10.09	12.25	14.86	17.69	19.63

CORE-HOLE G-S 14 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	2	300.00	<100.00	173.20	2.17	1841.14	16.29	102.52	173.20	292.61	468.89	621.65
01025* CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	2	240.00	200.00	219.09	1.14	324.34	147.99	200.83	219.09	239.01	258.47	270.85
01049* LEAD, DISSOLVED (UG/L AS PB)	2	<50.00	<50.00	<50.00	1.00							
01056* MANGANESE, DISSOLVED (UG/L AS MN)	2	<50.00	<50.00	<50.00	1.00							
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	<100.00	<100.00	1.00							
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
03501* GROSS BETA, DISSOLVED (PC/L)	2	56.00	22.00	35.10	1.94	262.00	4.70	22.47	35.10	54.82	81.87	104.06
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	6.20	3.70	4.79	1.44	14.54	1.58	3.74	4.79	6.13	7.65	8.73
71830* HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.20	0.20	0.20	1.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.60	0.10	0.24	3.55	11.57	0.01	0.10	0.24	0.58	1.24	1.97

END OF CORE-HOLE G-S 14 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 10/18/74 THRU 10/22/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 14 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	879.00	879.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	42.44	42.44									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	5.00	5.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	20.00	20.00									
01006	ALUMINIUM (UG/L)	1	50.00	50.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	4999.99	4999.99									
01046	IRON, DISSOLVED (UG/L AS FE)	1	50.00	50.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	500.00	500.00									

END OF CORE-HOLE G-S 14 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 10/14/74 THRU 10/14/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.00" ARE "MAJOR" CONCENTRATIONS

NNN JJJ-0000

CORE-HOLE G-S 14 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	879.00	879.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	42.44	42.44									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1060.00	1060.00									
00400#	PH (STANDARD UNITS)	1	6.70	6.70									
00440	BICARBONATE ION (MG/L AS HCO3)	1	460.00	460.00									
00445	CARBONATE ION (MG/L AS CO3)	1	42.00	42.00									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	1050.00	1050.00									
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	3.40	3.40									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	410.00	410.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	76.00	76.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	53.00	53.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	230.00	230.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	3.10	3.10									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	4.30	4.30									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	410.00	410.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	3.00	3.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	25.00	25.00									

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CORE-HOLE G-S 14 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	1300.00	1300.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	80.00	80.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<50.00	<50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	<50.00	<50.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	2.00	2.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	0.50	0.50									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.20	0.20									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.20	0.20									

END OF CORE-HOLE G-S 14 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 10/14/74 THRU 10/14/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

NNN J.1-0000

CORE-HOLE G-S 15 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1835.00	1359.00	1597.00	336.58	2621.11	572.89	1369.81	1597.00	1824.19	2028.50	2150.68
00011#	TEMPERATURE, WATER (DEG. F)	2	46.04	44.06	45.05	1.40	49.31	40.79	44.11	45.05	45.99	46.84	47.35
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	5.01	5.01
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	10.00	10.00									
01006*	ALUMINIUM (UG/L)	2	1000.00	100.00	316.23	5.09	44822.67	2.23	105.37	316.23	949.06	2549.81	4604.56
01020*	BORON, DISSOLVED (UG/L AS B)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	50.00	50.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	50.00	50.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	1000.00	500.00	707.10	1.63	3140.87	159.19	507.95	707.10	984.33	1325.35	1583.38
09503	RADIUM (UG/L)	1	500.00	500.00									

END OF CORE-HOLE G-S 15 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 10/24/74 THRU 10/27/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCPE-HOLE G-S 15 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1835.00	1359.00	1597.00	336.58	2621.11	572.89	1369.81	1597.00	1824.19	2028.50	2150.68
00011#	TEMPERATURE, WATER (DEG. F)	2	46.04	44.06	45.05	1.40	49.31	40.79	44.11	45.05	45.99	46.84	47.35
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3799.99	2799.99	3261.89	1.24	6291.01	1691.29	2819.60	3261.89	3773.56	4301.86	4652.52
00400#	PH (STANDARD UNITS)	2	8.50	8.20	8.35	0.21	9.00	7.70	8.21	8.35	8.49	8.62	8.70
00440*	BICARBONATE ION (MG/L AS HCO3)	2	2009.99	1980.00	1994.94	1.01	2050.29	1941.08	1982.86	1994.94	2007.09	2018.08	2024.67
00445*	CARBONATE ION (MG/L AS CO3)	2	290.00	140.00	201.49	1.67	965.38	42.06	142.33	201.49	285.24	389.90	470.04
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	2649.99	2375.00	2508.73	1.08	3174.65	1982.48	2381.06	2508.73	2643.23	2770.33	2849.24
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	5.10	3.40	4.16	1.33	9.96	1.74	3.43	4.16	5.05	6.01	6.67
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	170.00	41.00	83.49	2.73	1780.41	3.91	42.35	83.49	164.60	303.06	436.59
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	33.00	13.00	20.71	1.93	153.69	2.79	13.28	20.71	32.31	48.19	61.21
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	22.00	2.00	6.63	5.45	1154.20	0.04	2.11	6.63	20.83	58.31	107.91
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	1050.00	860.00	950.26	1.15	1460.32	618.35	863.86	950.26	1045.30	1138.85	1198.75
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	8.50	6.30	7.32	1.24	13.94	3.84	6.34	7.32	8.44	9.60	10.37
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	43.00	21.00	30.05	1.66	140.44	6.43	21.34	30.05	42.31	57.54	69.16
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	200.00	<4.00	28.28	15.90127	901.69	0.01	4.37	28.28	183.00	981.02	2677.74
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	4.20	3.70	3.94	1.09	5.18	3.00	3.71	3.94	4.19	4.42	4.57
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	13.00	9.60	11.17	1.24	21.45	5.82	9.67	11.17	12.91	14.71	15.90

CORE-HOLE G-S 15 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	20.00	<10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	31.67
01020	BORON, DISSOLVED (UG/L AS B)	1	<100.00	<100.00									
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	14.00	<10.00	11.83	1.27	24.40	5.74	10.08	11.83	13.89	16.05	17.50
C1030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	200.00	100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.88	265.10	316.72
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	<50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	<50.00	<50.00	<50.00	1.00							
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	<50.00	<50.00	<50.00	1.00							
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	8.10	8.10									
03501*	GROSS BETA, DISSOLVED (PC/L)	2	57.00	1.60	9.55	12.51	20825.42	0.00	1.74	9.55	52.56	243.60	609.51
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	6.20	4.00	4.98	1.36	12.79	1.94	4.04	4.98	6.14	7.41	8.29
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.20	0.20	0.20	1.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	<0.10	<0.10	<0.10	1.00							

END OF CORE-HOLE G-S 15 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 10/24/74 THRU 10/27/74

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

CORE-HOLE G-S 15 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER L METHOD 3

SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	374.81	361.07	366.64	6.42	375.56	357.73	362.31	366.64	370.98	374.88	377.21
00011#	TEMPERATURE, WATER (DEG. F)	4	63.50	56.80	60.15	2.74	63.95	56.35	58.30	60.15	62.00	63.66	64.65
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.05	0.17	4.80	3.05	0.01	0.06	0.17	0.49	1.28	2.26
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	2.00	3.68	1.70	9.74	1.39	2.58	3.68	5.27	7.26	8.80
01006*	ALUMINIUM (UG/L)	3	50.00	1.00	7.94	7.14	294.04	0.21	2.11	7.94	29.93	98.71	201.53
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	368.40	1.70	973.63	139.40	257.78	368.40	526.50	725.86	879.53
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	5.00	1.00	2.24	3.12	71.34	0.07	1.04	2.24	4.82	9.62	14.54
01046*	IRON, DISSOLVED (UG/L AS FE)	3	20.00	10.00	12.60	1.49	26.28	6.04	9.62	12.60	16.51	21.05	24.34
01049	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	5.00	1.00	1.71	2.53	9.43	0.31	0.91	1.71	3.20	5.63	7.89
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05

CORE-HOLE G-S 15 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
09503 RADIUM (UG/L)	1	300.00	300.00									

END OF CORE-HOLE G-S 15 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	374.81	361.07	366.64	6.42	375.56	357.73	362.31	366.64	370.98	374.88	377.21
00011#	TEMPERATURE, WATER (DEG. F)	4	63.50	56.80	60.15	2.74	63.95	56.35	58.30	60.15	62.00	63.66	64.65
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	4387.99	1540.00	2548.25	1.54	4624.00	1404.31	1907.19	2548.25	3404.77	4418.31	5163.37
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	17.00	<0.10	1.30	37.77	82040.81	0.00	0.11	1.30	15.13	137.13	512.46
00400#	PH (STANDARD UNITS)	4	7.80	7.00	7.40	0.37	7.91	6.89	7.15	7.40	7.65	7.87	8.00
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	2049.99	679.00	1062.19	1.64	2119.16	532.40	759.14	1062.19	1486.19	2010.28	2408.27
00440*	BICARBONATE ION (MG/L AS HCO3)	4	2280.00	780.00	1218.54	1.65	2435.97	609.55	870.04	1218.54	1706.62	2310.45	2769.32
00445*	CARBONATE ION (MG/L AS CO3)	4	235.00	<0.10	18.14	34.04	2427.03	0.14	1.68	18.14	196.22	1669.86	6008.99
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	2949.99	1420.00	1889.83	1.37	2915.22	1225.11	1530.65	1889.83	2333.30	2920.30	3158.84
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.10	1.10									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.60	<0.02	0.11	11.08	165.05	0.00	0.02	0.11	0.56	2.39	5.72
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	73.00	6.00	15.00	3.01	69.16	3.25	7.14	15.00	31.55	61.55	91.78
00720*	CYANIDE (MG/L AS CN)	4	0.05	<0.01	0.01	2.24	0.05	0.00	0.01	0.01	0.03	0.04	0.06
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	3.20	<0.10	0.57	11.60	979.27	0.00	0.11	0.57	2.96	13.09	31.87
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	405.00	160.00	256.36	1.59	601.82	109.20	187.36	256.36	350.77	465.02	550.43
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	17.00	4.90	9.89	1.75	21.53	4.54	6.77	9.89	14.44	20.29	24.86
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	90.00	29.00	57.05	1.63	111.96	29.07	41.11	57.05	79.19	106.35	126.85

CCRE-HOLE G-S 15 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	1220.00	400.00	631.07	1.62	1232.33	323.16	455.75	631.07	873.82	1170.93	1394.90
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	4.00	2.20	2.97	1.53	10.74	0.82	2.23	2.97	3.95	5.10	5.95
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	48.00	19.00	30.31	1.51	53.60	17.14	22.97	30.31	39.99	51.32	59.57
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	430.00	180.00	312.36	1.49	544.72	179.12	238.35	312.36	409.36	522.07	603.79
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	85.00	19.00	32.93	1.92	81.64	13.28	21.17	32.93	51.21	76.17	96.59
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	11.00	3.80	5.80	1.59	11.03	3.05	4.25	5.80	7.93	10.50	12.43
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	4399.98	700.00	1824.78	2.50	6505.07	511.88	983.44	1824.78	3385.91	5903.27	8231.26
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	30.00	<10.00	13.16	1.73	28.21	6.14	9.08	13.16	19.07	26.61	32.49
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	5399.98	<50.00	590.39	11.80	18146.73	19.21	111.60	590.39	3123.25	13969.70	34217.73
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	500.00	300.00	393.60	1.23	526.29	294.36	341.73	393.60	453.33	514.74	555.38
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	90.00	<50.00	60.62	1.32	89.05	41.26	50.27	60.62	73.09	86.48	95.63
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	60.00	30.00	42.43	1.63	188.49	9.55	30.48	42.43	59.06	79.53	95.01

CCRE-HOLE G-S 15 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	300.00	300.00									
C1090*	ZINC, DISSOLVED (UG/L AS ZN)	4	1000.00	<100.00	278.31	2.63	1063.45	72.84	145.02	278.31	534.14	959.97	1363.05
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	300.00	300.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	600.00	<100.00	244.95	3.55	11568.05	5.19	104.15	244.95	576.08	1243.01	1968.83
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	20.00	1.00	4.00	4.53	64.13	0.25	1.44	4.00	11.09	27.73	47.98
03501	GROSS BETA, DISSOLVED (PC/L)	1	40.00	40.00									
32730*	PHENOLS (UG/L)	2	15.00	<1.00	3.87	6.79	1313.42	0.01	1.06	3.87	14.11	45.10	90.38
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	1.40	0.40	0.77	1.87	2.42	0.24	0.50	0.77	1.17	1.71	2.15
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.20	0.10	0.16	1.49	0.33	0.08	0.12	0.16	0.21	0.27	0.31
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CCRE-HOLE G-S 15 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	363.70	344.56	357.64	8.80	369.86	345.42	351.70	357.64	363.58	368.93	372.12
00011#	TEMPERATURE, WATER (DEG. F)	4	63.00	53.60	57.07	4.11	62.77	51.38	54.30	57.07	59.85	62.34	63.83
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	99999.00	99999.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.10	0.22	3.78	2.48	0.02	0.09	0.22	0.53	1.18	1.92
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	10.00	5.00	7.07	1.49	12.32	4.06	5.40	7.07	9.26	11.81	13.66
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01CC6*	ALUMINIUM (UG/L)	4	100.00	10.00	31.62	3.78	200.15	5.00	12.89	31.62	77.57	173.84	281.67
01020*	BORON, DISSOLVED (UG/L AS B)	4	500.00	100.00	223.61	2.53	812.08	61.57	119.42	223.61	418.67	735.91	1031.12
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	10.00	10.00	10.00	1.00	10.04	9.96	9.98	10.00	10.02	10.03	10.04
01046*	IRON, DISSOLVED (UG/L AS FE)	4	200.00	10.00	29.91	3.70	183.82	4.87	12.37	29.91	72.33	160.02	257.29
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	100.00	10.00	26.59	3.20	133.82	5.28	12.12	26.59	58.35	118.29	180.50
01060*	MOLYBDENUM, DISS (UG/L AS MO)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	10.00	10.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	100.00	1.00	4.64	14.28	613.76	0.04	0.77	4.64	27.93	140.28	368.25

CORE-HOLE G-S 15 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

END OF CORE-HOLE G-S 15 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER L METHOD 3A

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	4	363.70	344.56	357.64	8.80	369.86	345.42	351.70	357.64	363.58	368.93	372.12
00011# TEMPERATURE, WATER (DEG. F)	4	63.00	53.60	57.07	4.11	62.77	51.38	54.30	57.07	59.85	62.34	63.83
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	4	2079.99	1563.00	1910.66	1.14	2304.72	1583.98	1744.14	1910.66	2093.08	2271.95	2386.14
00400# PH (STANDARD UNITS)	4	7.20	6.50	6.92	0.31	7.35	6.50	6.72	6.92	7.13	7.32	7.43
00410* ALKALINITY, TOTAL (MG/L AS CACO3)	4	455.00	385.00	420.51	1.07	462.33	382.48	401.56	420.51	440.35	453.99	470.51
00440* BICARBONATE ION (MG/L AS HCO3)	4	555.00	440.00	489.51	1.10	559.90	427.96	458.54	489.51	522.56	554.19	574.01
00445* CARBONATE ION (MG/L AS CO3)	4	36.00	<0.10	7.14	17.29	372.68	0.14	1.04	7.14	48.85	275.51	775.22
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	1460.00	1400.00	1422.32	1.02	1457.12	1388.34	1405.69	1422.32	1439.14	1454.43	1463.66
00681* CARBON, ORGANIC, DISS (MG/L AS C)	3	7.00	3.00	4.38	1.54	9.66	1.98	3.27	4.38	5.86	7.61	8.90
00720* CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00900* HARDNESS, TOTAL (MG/L AS CACO3)	4	740.00	615.00	689.64	1.08	770.21	617.49	653.56	689.64	727.71	763.73	786.13
00915* CALCIUM, DISSOLVED (MG/L AS CA)	4	83.00	38.00	60.61	1.40	96.32	38.14	48.38	60.61	75.92	92.97	104.94
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	4	140.00	120.00	129.76	1.07	143.06	117.70	123.75	129.76	136.06	142.00	145.67
00930* SODIUM, DISSOLVED (MG/L AS NA)	4	260.00	210.00	230.50	1.10	262.10	202.71	216.54	230.50	245.36	259.54	268.41
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	4	14.00	8.60	10.65	1.23	14.22	7.97	9.25	10.65	12.25	13.91	15.00
00945* SULFATE, DISSOLVED (MG/L AS SO4)	4	740.00	700.00	712.31	1.03	738.05	687.47	700.12	712.31	724.71	736.05	742.91
00950* FLUORIDE, TOTAL (MG/L AS F)	4	0.70	0.40	0.46	1.32	0.68	0.31	0.38	0.46	0.56	0.66	0.73

CORE-HOLE G-S 15 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	10.00	7.40	8.57	1.14	10.27	7.15	7.85	8.57	9.36	10.13	10.62
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	500.00	50.00	105.20	2.86	452.56	24.46	51.75	105.20	213.89	404.84	592.93
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<10.00	<56.23	3.16							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	3999.99	<50.00	1138.48	8.08	20690.65	62.64	277.87	1138.48	4664.54	10830.25	35397.38
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	490.00	<10.00	102.36	5.62	1123.13	9.33	31.93	102.36	328.12	935.37	1750.07
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	300.00	100.00	158.43	1.59	300.43	83.55	116.06	158.43	216.26	296.10	338.22
01065*	NICKEL, DISSOLVED (UG/L AS NI)	4	30.00	<10.00	18.61	1.58	35.05	9.88	13.68	18.61	25.32	33.40	39.41
01075*	SILVER, DISSOLVED (UG/L AS AG)	4	20.00	<10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	18.54	21.03
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	300.00	<100.00	205.98	1.68	422.86	100.33	145.18	205.98	292.23	400.26	483.10
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	3.00	1.50	2.12	1.63	9.42	0.48	1.52	2.12	2.95	3.98	4.75
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							

CORE-HOLE G-S 15 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.40	<0.10	0.20	2.00	0.71	0.06	0.13	0.20	0.32	0.49	0.63
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	4	0.20	0.10	0.14	1.49	0.25	0.08	0.11	0.14	0.19	0.24	0.27
7189C*	MERCURY DISSOLVED (UG/L AS HG)	4	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 15 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	953.00	707.00	830.00	173.95	1359.27	300.73	712.58	830.00	947.42	1053.00	1116.14
00011#	TEMPERATURE, WATER (DEG. F)	2	42.44	42.26	42.35	0.13	42.73	41.97	42.27	42.35	42.43	42.51	42.56
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	5.01	5.01
01006*	ALUMINIUM (UG/L)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	961.84	1453.84
01020*	BORON, DISSOLVED (UG/L AS B)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01046*	IRON, DISSOLVED (UG/L AS FE)	2	500.00	50.00	158.11	5.09	22411.39	1.12	52.68	158.11	474.53	1274.91	2302.28
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									
09503	RADIUM (UG/L)	1	300.00	300.00									

END OF CORE-HOLE G-S 15 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 10/19/74 THRU 10/21/74

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 15 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003* SAMPLE DEPTH, FEET	2	953.00	707.00	830.00	173.95	1359.27	300.73	712.58	830.00	947.42	1053.00	1116.14
00011* TEMPERATURE, WATER (DEG. F)	2	42.44	42.26	42.35	0.13	42.73	41.97	42.27	42.35	42.43	42.51	42.56
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1100.00	1060.00	1079.81	1.02	1163.85	1001.84	1062.01	1079.81	1097.91	1114.45	1124.46
00400* PH (STANDARD UNITS)	2	7.10	7.00	7.05	0.07	7.27	6.83	7.00	7.05	7.10	7.14	7.17
00440* BICARBONATE ION (MG/L AS HCO3)	2	500.00	400.00	447.21	1.17	722.66	276.75	402.05	447.21	497.45	547.43	579.69
00445* CARBONATE ION (MG/L AS CO3)	2	54.00	<0.10	2.32	85.52757675.00		0.00	0.12	2.32	46.81	696.85	3503.39
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	1350.00	970.00	1144.33	1.26	2329.94	562.03	977.34	1144.33	1339.85	1544.04	1680.73
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	3.40	1.70	2.40	1.63	10.68	0.54	1.73	2.40	3.35	4.51	5.38
00900* HARDNESS, TOTAL (MG/L AS CACO3)	2	510.00	355.00	425.50	1.29	927.62	195.17	357.94	425.50	505.81	590.90	648.47
00915* CALCIUM, DISSOLVED (MG/L AS CA)	2	125.00	50.00	79.06	1.91	567.68	11.01	51.05	79.06	122.43	181.42	229.52
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	2	56.00	49.00	52.38	1.10	69.81	39.30	49.15	52.38	55.83	59.12	61.18
00930* SODIUM, DISSOLVED (MG/L AS NA)	2	260.00	240.00	249.80	1.06	296.68	210.33	240.45	249.80	259.51	268.57	274.14
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	6.30	3.30	4.56	1.58	18.33	1.13	3.35	4.56	6.21	8.19	9.67
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	2	21.00	7.10	12.21	2.15	125.89	1.18	7.28	12.21	20.49	32.63	43.11
00945* SULFATE, DISSOLVED (MG/L AS SO4)	2	690.00	450.00	557.22	1.35	1397.62	222.16	454.40	557.22	683.32	820.91	916.09
00950* FLUORIDE, TOTAL (MG/L AS F)	2	4.60	4.30	4.45	1.05	5.14	3.85	4.31	4.45	4.59	4.73	4.81
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	29.00	19.00	23.47	1.35	58.30	9.45	19.18	23.47	28.72	34.44	38.39

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CORE-HOLE G-S 15 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
C1020*	BORON, DISSOLVED (UG/L AS B)	2	<100.00	<100.00	<100.00	1.00							
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	861.84	1483.84
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	200.00	<50.00	100.00	2.67	1973.83	5.07	51.60	100.00	193.80	351.37	501.53
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	<50.00	<50.00	<50.00	1.00							
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	70.00	<50.00	59.16	1.27	122.02	28.68	50.38	59.16	69.47	80.26	87.50
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	700.00	<100.00	264.57	3.96	17408.89	4.02	104.52	264.57	669.74	1543.96	2544.22
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	9.00	9.00									
03501	GROSS BETA, DISSOLVED (PC/L)	1	16.00	16.00									
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	9.20	1.10	3.18	4.49	306.99	0.03	1.15	3.18	8.77	21.81	37.63
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.20	0.20	0.20	1.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	<0.10	<0.10	<0.10	1.00							

END OF CORE-HOLE G-S 15 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 10/19/74 THRU 10/21/74

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

CORE-HOLE G-S 15 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	4	275.04	272.20	273.77	1.38	275.69	271.85	272.83	273.77	274.70	275.54	276.05
00011#	TEMPERATURE, WATER (DEG. F)	4	60.40	53.80	57.50	3.03	61.71	53.29	55.45	57.50	59.55	61.38	62.48
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	10.00	5.00	7.94	1.49	16.56	3.81	6.06	7.94	10.40	13.26	15.33
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	0.10	0.01	0.05	3.78	0.53	0.00	0.02	0.05	0.11	0.26	0.41
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	2.00	3.68	1.70	9.74	1.39	2.58	3.68	5.27	7.26	8.80
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01006*	ALUMINIUM (UG/L)	3	10.00	5.00	7.94	1.49	16.56	3.81	6.06	7.94	10.40	13.26	15.33
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	271.44	1.70	717.37	102.71	189.93	271.44	387.93	534.82	648.04
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01046*	IRON, DISSOLVED (UG/L AS FE)	3	20.00	10.00	15.87	1.49	33.11	7.61	12.12	15.87	20.80	26.52	30.66
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	10.00	10.00	10.00	1.00	10.04	9.96	9.98	10.00	10.02	10.03	10.04
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	1.00	1.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

END OF CORE-HOLE G-S 15 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

COKE-HOLE G-S 15 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	275.04	272.20	273.77	1.38	275.69	271.85	272.83	273.77	274.70	275.54	276.05
00011#	TEMPERATURE, WATER (DEG. F)	4	60.40	53.80	57.50	3.03	61.71	53.29	55.45	57.50	59.55	61.38	62.48
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1475.00	1310.00	1374.87	1.05	1476.01	1280.65	1328.21	1374.87	1423.16	1468.03	1495.54
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	4.90	3.60	4.20	1.24	8.15	2.16	3.63	4.20	4.87	5.55	6.01
00400#	PH (STANDARD UNITS)	4	7.30	6.80	7.10	0.22	7.40	6.80	6.95	7.10	7.25	7.38	7.46
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	440.00	339.00	385.10	1.11	446.38	332.23	358.42	385.10	413.78	441.38	458.76
00440*	BICARBONATE ION (MG/L AS HCO3)	4	520.00	325.00	427.71	1.22	562.34	325.31	374.41	427.71	488.59	550.71	591.57
00445*	CARBONATE ION (MG/L AS CO3)	4	90.00	18.00	30.75	2.07	84.36	11.21	18.82	30.75	50.23	78.10	101.69
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	4	1020.00	900.00	960.03	1.06	1040.51	885.77	923.17	960.03	998.36	1034.14	1056.14
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.40	0.40									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.19	0.51	0.92
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	9.00	2.80	5.45	1.66	10.99	2.70	3.88	5.45	7.66	10.41	12.51
00720*	CYANIDE (MG/L AS CN)	4	0.05	<0.01	0.01	2.24	0.05	0.00	0.01	0.01	0.03	0.04	0.06
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.30	<0.10	0.36	6.13	89.87	0.00	0.11	0.36	1.23	3.69	7.12
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	350.00	225.00	262.62	1.28	414.94	166.21	221.99	262.62	310.68	361.37	395.56
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	43.00	9.00	22.73	1.95	57.52	8.98	14.47	22.73	35.70	53.58	68.30
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	83.00	36.00	52.38	1.45	88.04	31.17	40.70	52.38	67.43	84.62	96.92

CORE-HOLE G-S 15 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930* SODIUM, DISSOLVED (MG/L AS NA)	4	260.00	205.00	241.44	1.12	281.30	207.22	224.14	241.44	260.06	278.03	289.37
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	2.10	1.40	1.71	1.33	4.10	0.72	1.41	1.71	2.08	2.48	2.75
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	4	14.00	4.10	7.55	1.66	15.24	3.74	5.36	7.55	10.62	14.45	17.36
00945* SULFATE, DISSOLVED (MG/L AS SO4)	4	415.00	320.00	366.12	1.15	443.60	302.17	333.49	366.12	401.94	437.14	459.65
00950* FLUORIDE, TOTAL (MG/L AS F)	4	2.40	1.10	1.68	1.49	2.91	0.97	1.28	1.68	2.19	2.79	3.22
00955* SILICA, DISSOLVED (MG/L AS SIO2)	4	22.00	2.60	12.60	2.86	54.31	2.92	6.19	12.60	25.64	48.58	71.18
01000* ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005* BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	4	1400.00	100.00	302.74	3.06	1427.16	64.22	142.42	302.74	643.51	1267.79	1901.78
01025* CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	4	10999.97	<50.00	885.92	10.48	23113.91	33.96	181.36	885.92	4327.57	18017.64	42281.07
01049* LEAD, DISSOLVED (UG/L AS PB)	4	900.00	80.00	346.41	2.82	1457.48	82.33	172.24	346.41	696.71	1306.01	1901.70
01056* MANGANESE, DISSOLVED (UG/L AS MN)	4	200.00	<50.00	91.47	1.81	208.43	40.14	61.28	91.47	136.53	195.73	242.77
01060 MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065* NICKEL, DISSOLVED (UG/L AS NI)	2	30.00	20.00	24.49	1.33	58.60	10.24	20.18	24.49	29.72	35.37	39.25

CORE-HOLE G-S 15 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	600.00	100.00	186.12	2.33	602.23	57.52	105.15	186.12	329.46	550.58	748.50
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	1000.00	<100.00	316.23	5.09	44822.67	2.23	105.37	316.23	949.06	2549.81	4604.56
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	13.00	0.10	0.92	11.73	84.76	0.01	0.17	0.92	4.85	21.61	52.82
03501*	GROSS BETA, DISSOLVED (PC/L)	2	16.00	7.00	10.58	1.79	62.67	1.79	7.13	10.58	15.70	22.39	27.68
32730*	PHENOLS (UG/L)	2	8.00	<1.00	2.83	4.35	248.05	0.03	1.05	2.83	7.63	16.63	31.77
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.70	0.20	0.41	1.91	1.36	0.13	0.27	0.41	0.64	0.95	1.20
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	1.40	0.10	0.30	3.93	3.75	0.02	0.12	0.30	0.76	1.75	2.88
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE G-S 15 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 07/13/75 THRU 11/11/76

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER U METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	4	276.10	275.00	275.36	0.50	276.05	274.66	275.02	275.36	275.69	276.00	276.18
00011#	TEMPERATURE, WATER (DEG. F)	4	56.80	51.80	54.30	2.12	57.24	51.36	52.87	54.30	55.73	57.02	57.79
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	99999.00	1.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	99999.00	99999.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	4	99999.00	10.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	5.00	1.00	2.15	2.24	9.49	0.49	1.25	2.15	3.72	6.06	8.13
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	10.00	5.00	8.41	1.41	13.60	5.20	6.65	8.41	10.63	13.11	14.87
01006*	ALUMINIUM (UG/L)	4	500.00	10.00	26.59	7.07	401.63	1.76	7.10	26.59	99.57	326.42	663.97
01020*	BORON, DISSOLVED (UG/L AS B)	4	500.00	100.00	149.53	2.24	456.91	48.94	86.86	149.53	257.42	419.55	561.88
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	10.00	1.00	4.73	2.96	21.35	1.05	2.27	4.73	9.84	19.03	28.23
01046*	IRON, DISSOLVED (UG/L AS FE)	4	50.00	10.00	22.36	2.53	81.21	6.16	11.94	22.36	41.87	73.59	103.12
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	50.00	1.00	7.07	15.90	31975.48	0.00	1.09	7.07	45.75	245.25	669.44
01075	SILVER, DISSOLVED (UG/L AS AG)	1	0.10	0.10									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1090	ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									

CORE-HOLE G-S 15 AQUIFER U METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	10.00	10.00	1.00	10.04	9.96	9.98	10.00	10.02	10.03	10.04
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	5.00	5.00									

END OF CORE-HOLE G-S 15 AQUIFER U METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 15 AQUIFER U METHOD 3A WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	4	276.10	275.00	275.36	0.50	276.05	274.66	275.02	275.36	275.69	276.00	276.18
00011# TEMPERATURE, WATER (DEG. F)	4	56.80	51.80	54.30	2.12	57.24	51.36	52.87	54.30	55.73	57.02	57.79
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1830.00	1240.00	1486.73	1.17	1856.58	1190.55	1334.47	1486.73	1656.35	1825.35	1934.54
00400# PH (STANDARD UNITS)	4	10.20	8.00	8.55	1.10	10.08	7.02	7.81	8.55	9.29	9.96	10.36
00410* ALKALINITY, TOTAL (MG/L AS CACO3)	4	155.00	36.00	95.95	1.99	249.45	36.91	60.29	95.95	152.70	231.90	297.72
00440* BICARBONATE ION (MG/L AS HCO3)	4	43.00	<0.10	0.46	20.74	30.62	0.01	0.06	0.46	3.53	22.20	66.74
00445* CARBONATE ION (MG/L AS CO3)	4	290.00	120.00	175.96	1.47	299.31	103.45	135.90	175.96	227.83	287.41	330.25
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	1040.00	780.00	905.21	1.13	1067.47	767.62	835.46	905.21	980.78	1054.11	1100.55
00681* CARBON, ORGANIC, DISS (MG/L AS C)	3	7.00	2.00	3.83	1.87	12.12	1.21	2.50	3.83	5.84	8.55	10.74
00720* CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00900* HARDNESS, TOTAL (MG/L AS CACO3)	4	310.00	16.00	86.72	3.54	501.57	14.99	36.93	86.72	203.60	438.65	694.18
00915* CALCIUM, DISSOLVED (MG/L AS CA)	4	17.00	0.80	4.15	3.52	23.81	0.72	1.77	4.15	9.70	20.84	32.92
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	4	66.00	3.40	18.53	3.61	109.94	3.12	7.79	18.53	44.04	95.96	152.88
00930* SODIUM, DISSOLVED (MG/L AS NA)	4	360.00	190.00	271.55	1.31	394.61	186.87	226.42	271.55	325.68	383.50	422.88
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	4	43.00	10.00	28.62	2.02	75.85	10.80	17.82	28.62	45.97	70.41	90.85
00945* SULFATE, DISSOLVED (MG/L AS SO4)	4	440.00	240.00	347.82	1.30	499.67	242.12	291.64	347.82	414.82	486.04	534.33
00950* FLUORIDE, TOTAL (MG/L AS F)	4	1.40	0.40	0.80	1.68	1.64	0.39	0.56	0.80	1.13	1.55	1.87

CORE-HOLE G-S 15 AQUIFER U METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	12.00	2.20	5.20	2.16	15.10	1.79	3.09	5.20	8.73	13.92	18.40
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	3	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	500.00	40.00	98.98	3.05	466.27	21.01	46.58	98.98	210.32	414.22	621.24
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<10.00	<56.23	3.16							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	1100.00	<50.00	296.22	3.71	1830.01	47.95	122.19	296.22	718.14	1592.43	2503.79
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	300.00	<10.00	114.85	5.14	1115.16	11.83	38.02	114.85	346.92	937.45	1698.74
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	<50.00	<50.00	<50.00	1.00							
01065*	NICKEL, DISSOLVED (UG/L AS NI)	4	150.00	<10.00	27.83	3.22	141.10	5.49	12.64	27.83	61.29	124.65	190.58
01075*	SILVER, DISSOLVED (UG/L AS AG)	4	<10.00	<10.00	<10.00	1.00							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	300.00	100.00	131.61	1.73	282.10	61.40	90.83	131.61	190.68	266.14	324.87
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	1.80	1.80									
03501	GROSS BETA, DISSOLVED (PC/L)	1	19.00	19.00									

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CORE-HOLE G-S 15 AQUIFER U METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.20	<0.10	0.13	1.49	0.26	0.06	0.10	0.13	0.17	0.21	0.24
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	4	0.80	0.30	0.41	1.59	0.78	0.22	0.30	0.41	0.56	0.75	0.88
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 15 AQUIFER U METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16. AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	1560.00	1313.00	1436.50	174.66	1967.92	905.08	1318.61	1436.50	1554.39	1660.41	1723.81
00011#	TEMPERATURE, WATER (DEG. F)	2	44.24	44.06	44.15	0.13	44.53	43.77	44.07	44.15	44.23	44.31	44.36
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	10.00	10.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	5.01	5.01
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	30.00	25.00	27.39	1.14	40.54	18.50	25.10	27.39	29.88	32.31	33.85
01006*	ALUMINIUM (UG/L)	2	200.00	100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.88	265.10	316.72
01020*	BORON, DISSOLVED (UG/L AS B)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	142.55	158.36
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	9959.98	30.00	547.72	60.81730432.00		0.00	34.23	547.72	8764.35106064.88471131.25		
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05

END OF CORE-HOLE G-S 16 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/30/74 THRU 11/30/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM

CORE-HOLE G-S 16 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1560.00	1313.00	1436.50	174.66	1967.92	905.08	1318.61	1436.50	1554.39	1660.41	1723.81
00011#	TEMPERATURE, WATER (DEG. F)	2	44.24	44.06	44.15	0.13	44.53	43.77	44.07	44.15	44.23	44.31	44.36
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	4599.99	4399.99	4498.88	1.03	4946.25	4091.96	4405.24	4498.88	4594.49	4682.21	4735.46
00400#	PH (STANDARD UNITS)	2	8.80	8.60	8.70	0.14	9.13	8.27	8.60	8.70	8.80	8.88	8.93
00440*	BICARBONATE ION (MG/L AS HCO3)	2	2649.99	2290.00	2463.43	1.11	3371.59	1799.88	2297.75	2463.43	2641.04	2811.68	2918.95
00445*	CARBONATE ION (MG/L AS CO3)	2	220.00	72.00	125.86	2.20	1391.66	11.38	73.85	125.86	214.49	346.43	461.45
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	2949.99	2899.99	2924.88	1.01	3006.03	2845.92	2907.18	2924.88	2942.69	2958.80	2968.48
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	80.00	42.00	57.97	1.58	231.87	14.49	42.62	57.97	78.84	103.95	122.65
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	9.00	6.60	7.71	1.25	15.02	3.95	6.65	7.71	8.94	10.21	11.06
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	14.00	6.20	9.32	1.78	53.74	1.62	6.32	9.32	13.74	19.50	24.03
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	1250.00	1220.00	1234.91	1.02	1304.38	1169.13	1220.00	1234.91	1249.99	1263.72	1271.99
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	9.70	7.80	8.70	1.17	13.90	5.44	7.84	8.70	9.65	10.60	11.21
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	190.00	180.00	184.93	1.04	207.70	164.66	180.23	184.93	189.76	194.20	196.91
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	160.00	69.00	105.07	1.81	641.68	17.20	70.33	105.07	156.97	225.21	279.47
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	3.40	3.30	3.35	1.02	3.57	3.14	3.30	3.35	3.40	3.44	3.47
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	36.00	31.00	33.41	1.11	46.08	24.22	31.11	33.41	35.88	38.25	39.75
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	<100.00	<10.00	<31.62	5.09							

CORE-HOLE G-S 16 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	<50.00	<50.00	<50.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	60.00	<50.00	54.77	1.14	81.08	37.00	50.21	54.77	59.75	64.61	67.71
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	<50.00	<50.00	<50.00	1.00							
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	<500.00	<500.00	<500.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<100.00	<10.00	<31.62	5.09							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	7.40	0.50	1.92	6.72	633.75	0.01	0.53	1.92	6.96	22.13	44.19
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00							
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	2.50	1.50	1.94	1.44	5.81	0.65	1.52	1.94	2.47	3.08	3.51
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	1.20	0.20	0.49	3.55	23.14	0.01	0.21	0.49	1.15	2.49	3.94

END OF CORE-HOLE G-S 16 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/30/74 THRU 11/30/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16 AQUIFER L METHOD 2

SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011*	TEMPERATURE, WATER (DEG. F)	9	80.60	45.86	72.61	10.29	80.37	64.85	65.66	72.61	79.55	85.80	89.54
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	9	99999.00	10.00	10.00	1.00	10.04	9.96	9.98	10.00	10.02	10.03	10.04
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	9	99999.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.01	5.01
00930	SODIUM, DISSOLVED (MG/L AS NA)	9	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	6	5.00	2.00	2.33	1.45	3.39	1.60	1.81	2.33	3.00	3.76	4.31
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	9	10.00	2.00	4.76	1.77	7.32	3.09	3.23	4.76	7.00	9.91	12.19
01005*	BARIUM, DISSOLVED (UG/L AS BA)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43
01006*	ALUMINIUM (UG/L)	9	1000.00	10.00	220.85	4.49	684.93	71.21	80.18	220.85	608.33	1513.06	2609.18
01020*	BORON, DISSOLVED (UG/L AS B)	9	99999.00	100.00	265.91	6.12	1163.98	60.75	78.32	265.91	902.83	2710.17	5229.80
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	100.00	5.00	14.95	2.73	33.94	6.59	7.59	14.95	29.48	54.27	78.18
01046*	IRON, DISSOLVED (UG/L AS FE)	9	100.00	10.00	61.45	2.14	108.92	34.67	36.81	61.45	102.58	162.62	214.21
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	9	10.00	1.00	4.64	3.16	11.06	1.95	2.13	4.64	10.10	20.31	30.84
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	0.10	0.10									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	7	100.00	10.00	37.28	3.42	112.00	12.41	16.24	37.28	85.55	180.58	282.30
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	9	50.00	10.00	11.96	1.71	17.92	7.98	8.33	11.96	17.18	23.79	28.90
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	3	10.00	1.00	4.64	3.78	53.37	0.40	1.89	4.64	11.39	25.52	41.34

CORE-HOLE G-S 16 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
09503 RADIUM (UG/L)	1	600.00	600.00									

END OF CORE-HOLE G-S 16 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 01/17/75 THRU 03/11/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16 AQUIFER L METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011*	TEMPERATURE, WATER (DEG. F)	9	80.60	45.86	72.61	10.29	80.37	64.85	65.66	72.61	79.55	85.80	89.54
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	9	4299.99	3199.99	3943.96	1.10	4236.21	3671.85	3699.46	3943.96	4204.60	4453.68	4609.62
00400*	PH (STANDARD UNITS)	9	8.20	7.20	7.47	0.30	7.69	7.24	7.27	7.47	7.67	7.85	7.95
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	9	2330.00	1500.00	2035.38	1.18	2310.26	1793.21	1817.17	2035.38	2279.80	2524.55	2683.30
00440*	BICARBONATE ION (MG/L AS HCO3)	9	2840.00	1830.00	2505.31	1.15	2774.63	2262.14	2286.46	2505.31	2745.10	2980.28	3130.44
00445*	CARBONATE ION (MG/L AS CO3)	9	160.00	<0.10	8.04	27.73	98.43	0.66	0.85	8.04	75.71	568.83	1900.04
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	9	2909.99	2210.00	2688.21	1.09	2868.43	2519.30	2536.49	2688.21	2848.99	3001.78	3097.04
00720*	CYANIDE (MG/L AS CN)	8	<0.01	<0.01	<0.01	1.00							
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	<0.01	<0.01									
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	9	160.00	36.00	62.61	1.67	91.96	42.62	44.38	62.61	88.33	120.38	144.85
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	9	17.00	3.30	9.44	1.80	14.68	6.07	6.36	9.44	14.02	20.00	24.74
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	9	29.00	<1.00	6.61	3.37	16.51	2.65	2.91	6.61	15.00	31.35	48.72
00930*	SODIUM, DISSOLVED (MG/L AS NA)	9	1240.00	850.00	1123.43	1.13	1228.00	1027.77	1037.40	1123.43	1216.61	1306.97	1364.19
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	9	150.00	49.00	112.55	1.41	146.18	86.66	89.06	112.55	142.23	175.54	199.09
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	9	<15.00	<4.00	24.66	3.56	64.21	9.47	10.47	24.66	58.08	125.48	198.90
00950	FLUORIDE, TOTAL (MG/L AS F)	10	120.00	40.00	68.31	1.34	83.95	55.59	56.07	68.31	83.22	99.40	110.53
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	9	14.00	5.30	8.38	1.42	10.91	6.44	6.62	8.38	10.62	13.13	14.91

CORE-HOLE G-S 16 AQUIFER L METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	30.00	<10.00	11.47	1.47	15.75	8.36	8.83	11.47	14.91	18.88	21.73
01005*	BARIUM, DISSOLVED (UG/L AS BA)	8	<1000.00	<1000.00	<1000.00	1.00							
01020	BORON, DISSOLVED (UG/L AS B)	10	13999.95	2000.00	4135.66	2.10	6972.93	2452.86	2507.21	4135.66	6821.80	10699.30	14003.70
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	20.00	<10.00	10.91	1.28	13.32	8.93	9.24	10.91	12.87	14.93	16.32
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	30.00	<10.00	12.51	1.54	17.74	8.82	9.37	12.51	16.71	21.67	25.32
01046*	IRON, DISSOLVED (UG/L AS FE)	9	130.00	<50.00	69.97	1.51	95.31	51.37	53.06	69.97	92.27	118.34	137.32
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	80.00	10.00	20.57	2.36	41.41	10.21	11.52	20.57	36.71	61.81	84.40
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	9	120.00	<10.00	32.23	2.51	64.59	16.08	17.30	32.23	60.05	105.09	146.87
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	<10.00	<10.00	<10.00	1.00							
01075*	SILVER, DISSOLVED (UG/L AS AG)	8	40.00	<10.00	12.97	1.67	19.75	8.52	9.16	12.97	18.37	25.12	30.29
01090*	ZINC, DISSOLVED (UG/L AS ZN)	8	420.00	10.00	55.16	4.25	179.29	16.97	20.79	55.16	146.37	352.04	595.02
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	6	100.00	<10.00	14.68	2.56	37.54	5.74	7.78	14.68	27.68	48.98	68.90
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	7	20.00	2.10	7.42	2.32	15.72	3.50	4.21	7.42	13.08	21.78	29.55
03501	GROSS BETA, DISSOLVED (PC/L)	1	13.00	13.00									
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	7	0.28	<0.01	0.08	4.22	0.29	0.02	0.03	0.08	0.21	0.51	0.85

CORE-HOLE G-S 16 AQUIFER L METHOD 2 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	1.10	0.70	0.88	1.38	2.32	0.33	0.71	0.88	1.09	1.32	1.48
71851*	NITROGEN, NITRATE DISS (MG/L AS N03)	9	55.00	<0.01	0.31	21.30	3.09	0.03	0.04	0.31	2.42	15.51	47.08
71890*	MERCURY DISSOLVED (UG/L AS HG)	6	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 16 AQUIFER L METHOD 2 WET SAMPLES REPORTING PERIOD IS 01/17/75 THRU 03/11/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 16 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	1	60.80	60.80									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	10.00	10.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	5.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	2.00	2.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	2.00	2.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	20.00	20.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	1.00	1.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
09503	RADIUM (UG/L)	1	700.00	700.00									

END OF CCRE-HOLE G-S 16 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 05/09/75 THRU 05/09/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	1	60.80	60.80									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	4180.00	4180.00									
00400#	PH (STANDARD UNITS)	1	8.00	8.00									
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	2179.99	2179.99									
00440	BICARBONATE ION (MG/L AS HCO3)	1	2419.99	2419.99									
00445	CARBONATE ION (MG/L AS CO3)	1	240.00	240.00									
00540	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	1	2949.99	2949.99									
00681	CARBON, ORGANIC, DISS (MG/L AS C)	1	13.00	13.00									
00720	CYANIDE (MG/L AS CN)	1	<0.01	<0.01									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	72.00	72.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	17.00	17.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	7.20	7.20									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	1200.00	1200.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	160.00	160.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	50.00	50.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	72.00	72.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	14.00	14.00									

CORE-HOLE G-S 16 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	<1000.00	<1000.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	5299.98	5299.98									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	1899.99	1899.99									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	60.00	60.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	<50.00	<50.00									
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	100.00	100.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	<10.00	<10.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	100.00	100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	7.30	7.30									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.40	1.40									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10									
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CORE-HOLE G-S 16 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 05/09/75 THRU 05/09/75

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "-9999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	598.00	598.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	42.08	42.08									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	99999.00	99999.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	20.00	20.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	100.00	100.00									

END OF CORE-HOLE G-S 16 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/20/74 THRU 11/20/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 16 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	1	598.00	598.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	42.08	42.08									
C0095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1500.00	1500.00									
C0400#	PH (STANDARD UNITS)	1	7.00	7.00									
C0440	BICARBONATE ION (MG/L AS HCO3)	1	620.00	620.00									
00445	CARBONATE ION (MG/L AS CO3)	1	<0.10	<0.10									
C0540	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	1	1400.00	1400.00									
C0746	SULFIDE, DISSOLVED (MG/L AS S)	1	1.10	1.10									
C0900	HARDNESS, TOTAL (MG/L AS CACO3)	1	570.00	570.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	100.00	100.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	80.00	80.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	1	240.00	240.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	73.00	73.00									
C0940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	6.90	6.90									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	510.00	510.00									
C0950	FLUORIDE, TOTAL (MG/L AS F)	1	1.90	1.90									
C0955	SILICA, DISSOLVED (MG/L AS SIO2)	1	37.00	37.00									

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CORE-HOLE G-S 16 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	20.00	20.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<50.00	<50.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	220.00	220.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<50.00	<50.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	<500.00	<500.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	5.00	5.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	0.20	0.20									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.17	0.17									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10									
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CORE-HOLE G-S 16 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/20/74 THRU 11/20/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 17 AQUIFER L METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	1	1050.00	1050.00									
C0011#	TEMPERATURE, WATER (DEG. F)	4	59.00	52.00	55.45	3.21	59.91	50.99	53.28	55.45	57.62	59.57	60.74
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
C0935	POTASSIUM, DISSOLVED (MG/L AS K)	1	99999.00	99999.00									
C0955	SILICA, DISSOLVED (MG/L AS SIO2)	1	20.00	20.00									
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	50.00	50.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
C1020	BORON, DISSOLVED (UG/L AS B)	1	1000.00	1000.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	1000.00	1000.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	50.00	50.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	500.00	500.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	4999.99	4999.99									
C1150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 17 AQUIFER L METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/24/74 THRU 12/14/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 17 AQUIFER L METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1050.00	1050.00									
00011#	TEMPERATURE, WATER (DEG. F)	4	59.00	52.00	55.45	3.21	59.91	50.99	53.28	55.45	57.62	59.57	60.74
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1750.00	1505.00	1660.63	1.07	1832.77	1504.66	1582.85	1660.63	1742.22	1819.01	1866.55
00400*	PH (STANDARD UNITS)	5	7.60	7.00	7.20	0.23	7.47	6.93	7.04	7.20	7.36	7.50	7.59
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	540.00	420.00	504.75	1.13	598.53	425.66	464.60	504.75	548.36	590.79	617.72
00440*	BICARBONATE ION (MG/L AS HCO3)	5	660.00	510.00	600.70	1.13	688.09	524.41	554.66	600.70	650.56	698.93	729.55
00445*	CARBONATE ION (MG/L AS CO3)	5	18.00	<0.10	0.28	10.20	4.08	0.02	0.06	0.28	1.35	5.55	12.89
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	5	1270.00	1120.00	1180.98	1.05	1245.05	1120.20	1144.91	1180.98	1218.18	1252.63	1273.70
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	5	430.00	400.00	407.84	1.03	422.68	393.51	399.36	407.84	416.49	424.42	429.24
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	5	85.00	64.00	72.89	1.11	81.96	64.83	68.04	72.89	78.09	83.07	86.21
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	5	66.00	47.00	54.84	1.14	63.49	47.37	50.32	54.84	59.76	64.57	67.62
00930*	SODIUM, DISSOLVED (MG/L AS NA)	5	240.00	185.00	215.88	1.12	246.20	189.29	199.85	215.88	233.20	249.95	260.54
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	84.00	84.00									
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	5	15.00	6.90	11.74	1.38	16.96	8.13	9.46	11.74	14.57	17.69	19.87
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	5	390.00	275.00	313.80	1.14	364.15	270.41	287.55	313.80	342.45	370.44	388.26
00950*	FLUORIDE, TOTAL (MG/L AS F)	5	10.00	0.03	0.13	11.43	2.15	0.01	0.03	0.13	0.67	2.96	7.17
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	5	28.00	22.00	23.50	1.11	26.38	20.94	21.96	23.50	25.15	26.73	27.72

CCRE-HOLE G-S 17 AQUIFER L METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<50.00	<50.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<50.00	<50.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	5	2999.99	70.00	152.44	5.29	1035.93	22.43	49.49	152.44	469.54	1291.30	2364.68
01049	LEAD, DISSOLVED (UG/L AS PB)	1	140.00	140.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	<50.00	<50.00	<50.00	1.00							
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	900.00	900.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	2.50	2.50									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	<0.10	<0.10									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.90	1.90									
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	5	1.20	<0.10	0.34	2.43	0.93	0.12	0.18	0.34	0.61	1.05	1.45
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CCRE-HOLE G-S 17 AQUIFER L METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/24/74 THRU 12/14/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM

H20QASA-2 CORE-HOLE G-S 17 AQUIFER L METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

COKE-HOLE G-S 17 AQUIFER L METHOD 2

SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0011*	TEMPERATURE, WATER (DEG. F)	11	65.30	59.00	62.27	2.26	63.76	60.77	60.74	62.27	63.79	65.16	65.98
C0915	CALCIUM, DISSOLVED (MG/L AS CA)	11	99999.00	99999.00									
C0925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11	99999.00	99999.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	11	99999.00	99999.00									
C0935	POTASSIUM, DISSOLVED (MG/L AS K)	11	5.00	0.10	0.32	8.19	1.28	0.08	0.08	0.32	1.31	4.69	10.07
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	11	99999.00	5.00	9.17	1.78	14.70	5.72	6.21	9.17	13.55	19.25	23.75
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	100.00	100.00									
01006*	ALUMINIUM (UG/L)	9	1000.00	10.00	85.72	6.10	335.28	21.92	25.28	85.72	290.64	871.34	1680.13
01020	BORON, DISSOLVED (UG/L AS B)	11	4999.99	100.00	226.76	5.11	669.11	76.85	75.44	226.76	681.64	1833.94	3314.64
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	1.47	2.56	3.75	0.57	0.78	1.47	2.77	4.90	6.89
01046	IRON, DISSOLVED (UG/L AS FE)	11	4999.99	5.00	61.14	8.90	260.78	14.34	13.98	61.14	267.35	1007.52	2227.51
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	9	50.00	1.00	12.26	3.61	32.27	4.66	5.15	12.26	29.15	63.54	101.26
01060*	MOLYBDENUM, DISS (UG/L AS MO)	5	10.00	1.00	3.47	2.46	9.75	1.23	1.89	3.47	6.36	10.98	15.23
01075	SILVER, DISSOLVED (UG/L AS AG)	1	1.00	1.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10	500.00	50.00	111.93	1.13	122.37	102.39	102.77	111.93	121.91	131.65	137.84
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									

CORE-HOLE G-S 17 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	7	100.00	10.00	46.91	2.96	123.82	17.77	22.54	46.91	97.63	188.72	279.89
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	6	10.00	1.00	4.64	3.28	15.22	1.42	2.08	4.64	10.36	21.32	32.82

END OF CORE-HOLE G-S 17 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 01/06/75 THRU 02/03/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 17 AQUIFER L METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0011*	TEMPERATURE, WATER (DEG. F)	11	65.30	59.00	62.18	2.14	63.60	60.75	60.73	62.18	63.62	64.93	65.70
C0095	CONDUCTIVITY (UMHOS AT 25 DEG C)	10	2000.00	1600.00	1709.29	1.10	1833.71	1593.31	1598.02	1709.29	1828.31	1942.41	2014.02
C0400*	PH (STANDARD UNITS)	11	8.00	6.60	7.03	0.24	7.19	6.87	6.87	7.03	7.20	7.34	7.43
C0410*	ALKALINITY, TOTAL (MG/L AS CACO3)	9	760.00	285.00	622.32	1.35	780.08	496.46	508.35	622.32	761.83	913.81	1018.81
C0440	BICARBONATE ION (MG/L AS HCO3)	11	990.00	730.00	841.54	1.09	892.61	793.38	792.58	841.54	893.51	943.00	973.88
C0445*	CARBONATE ION (MG/L AS CO3)	11	<1.00	<0.10	<0.19	2.93							
C0540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	10	1330.00	1030.00	1228.56	1.07	1289.38	1170.61	1172.98	1228.56	1286.76	1341.46	1375.27
C0720*	CYANIDE (MG/L AS CN)	6	<0.01	<0.01	<0.01	1.00							
C0900	HARDNESS, TOTAL (MG/L AS CACO3)	11	400.00	285.00	350.63	1.14	381.97	321.86	321.39	350.63	382.53	413.69	433.52
C0915	CALCIUM, DISSOLVED (MG/L AS CA)	11	98.00	23.00	56.67	1.56	76.23	42.13	41.92	56.67	76.62	100.48	118.17
C0925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11	69.00	30.00	43.29	1.19	48.58	38.57	38.50	43.29	48.68	54.09	57.62
C0930	SODIUM, DISSOLVED (MG/L AS NA)	11	390.00	250.00	344.60	1.22	392.80	302.32	301.64	344.60	393.68	443.76	476.70
C0935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	<1.00	<1.00	<1.00	1.00							
C0940	CHLORIDE, DISSOLVED (MG/L AS CL)	11	42.00	9.60	26.44	1.81	39.22	17.82	17.70	26.44	39.49	56.65	70.29
C0945	SULFATE, DISSOLVED (MG/L AS SO4)	11	375.00	290.00	332.76	1.08	349.47	316.85	316.58	332.76	349.76	365.79	375.72
C0950	FLUORIDE, TOTAL (MG/L AS F)	11	18.00	3.00	4.64	1.63	6.42	3.35	3.33	4.64	6.45	8.69	10.38
00955	SILICA, DISSOLVED (MG/L AS SIO2)	11	22.00	14.00	19.38	1.22	22.08	17.01	16.98	19.38	22.13	24.93	26.77

CORE-HOLE G-S 17 AQUIFER L METHOD 2

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	6	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	6	800.00	270.00	514.84	1.43	734.12	361.05	405.08	514.84	654.32	811.76	923.47
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	30.00	<1.00	2.97	4.62	10.33	0.85	1.06	2.97	8.33	21.09	36.75
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	<50.00	<10.00	<14.95	2.11							
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	<100.00	<10.00	<17.78	2.90							
01046	IRON, DISSOLVED (UG/L AS FE)	11	12199.99	<50.00	132.98	4.16	342.35	51.65	50.82	132.98	347.95	826.34	1386.12
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	190.00	2.00	6.46	6.05	28.04	1.49	1.92	6.46	21.78	64.96	124.87
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	8	90.00	<10.00	19.68	2.59	42.76	9.06	10.35	19.68	37.41	66.67	94.19
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	<10.00	4.00	6.56	1.49	9.76	4.42	5.02	6.56	8.58	10.92	12.61
01075*	SILVER, DISSOLVED (UG/L AS AG)	6	<10.00	<1.00	<1.65	2.52							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	8	7199.99	<1.00	15.65	31.62	261.46	0.94	1.52	15.65	161.05	1310.44	4590.74
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	6	50.00	<10.00	13.08	1.93	25.21	6.78	8.39	13.08	20.38	30.36	38.54
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	8	5.10	0.30	2.01	2.66	4.46	0.90	1.04	2.01	3.88	7.03	10.03
03501*	GROSS BETA, DISSOLVED (PC/L)	5	28.00	15.00	19.28	1.29	25.83	14.39	16.23	19.28	22.89	26.71	29.30
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	8	0.20	<0.10	0.11	1.28	0.13	0.09	0.09	0.11	0.13	0.15	0.16

H20WASA-2

CORE-HOLE G-S 17 AQUIFER L METHOD 2 — WET SAMPLES — REPORT DATE 03/10/77 — PAGE 503

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71830* HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	4	0.34	<0.10	0.20	2.73	0.81	0.05	0.10	0.20	0.40	0.73	1.05
71851 NITROGEN, NITRATE DISS (MG/L AS NO3)	11	0.80	0.09	0.18	1.77	0.26	0.12	0.12	0.18	0.26	0.37	0.46
71890* MERCURY DISSOLVED (UG/L AS HG)	6	<10.00	<1.00	<1.47	2.56							

END OF CORE-HOLE G-S 17 AQUIFER L METHOD 2 WET SAMPLES REPORTING PERIOD IS 01/06/75 THRU 02/03/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 17 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	2	375.00	368.64	371.82	4.50	385.51	358.13	368.78	371.82	374.86	377.59	379.22
00011# TEMPERATURE, WATER (DEG. F)	2	57.20	57.20	57.20	0.04	57.33	57.07	57.17	57.20	57.23	57.26	57.27
00915 CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	10.00									
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	5.00									
00930 SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	2.00	3.16	1.91	22.71	0.44	2.04	3.16	4.90	7.26	9.18
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	5.00	2.00	3.16	1.91	22.71	0.44	2.04	3.16	4.90	7.26	9.18
01006* ALUMINIUM (UG/L)	2	200.00	50.00	100.00	2.67	1973.83	5.07	51.60	100.00	193.80	351.37	501.53
01020 BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01040* COPPER, DISSOLVED (UG/L AS CU)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01046* IRON, DISSOLVED (UG/L AS FE)	2	500.00	20.00	100.00	9.74	1779.81	0.10	21.52	100.00	464.76	1855.31	4227.33
01056* MANGANESE, DISSOLVED (UG/L AS MN)	2	100.00	10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	284.98	460.46
01060 MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	284.98	460.46
01130 LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
01150 TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 17 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/24/75 THRU 04/29/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

CORE-HOLE G-S 17 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

H20QASA-2 CORE-HOLE G-S 17 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	375.00	368.64	371.82	4.50	385.51	358.13	368.78	371.82	374.86	377.59	379.22
00011#	TEMPERATURE, WATER (DEG. F)	2	57.20	57.20	57.20	0.04	57.33	57.07	57.17	57.20	57.23	57.26	57.27
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1750.00	1525.00	1633.63	1.10	2196.41	1215.04	1529.79	1633.63	1744.51	1850.63	1917.16
00400#	PH (STANDARD UNITS)	2	6.80	6.40	6.60	0.28	7.46	5.74	6.41	6.60	6.79	6.96	7.07
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	2	690.00	641.00	665.05	1.05	779.19	567.62	642.08	665.05	688.83	710.95	724.51
00440*	BICARBONATE ION (MG/L AS HCO3)	2	840.00	710.00	772.27	1.13	1108.59	537.98	712.75	772.27	836.75	899.33	938.97
00445*	CARBONATE ION (MG/L AS CO3)	2	75.00	<0.10	2.74	107.89199	736.00	0.00	0.12	2.74	64.53	1106.12	6050.24
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	1250.00	1220.00	1234.91	1.02	1304.38	1169.13	1220.00	1234.91	1249.99	1263.72	1271.99
00681	CARBON, ORGANIC, DISS (MG/L AS C)	1	5.00	5.00									
00720*	CYANIDE (MG/L AS CN)	2	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	320.00	245.00	280.00	1.21	497.45	157.60	246.48	280.00	318.07	356.71	382.03
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	34.00	25.00	29.15	1.24	56.50	15.05	25.18	29.15	33.76	38.53	41.69
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	57.00	44.00	50.08	1.20	87.40	28.69	44.26	50.08	56.67	63.32	67.67
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	385.00	350.00	367.08	1.07	450.51	299.10	350.78	367.08	384.14	400.16	410.06
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	21.00	19.00	19.97	1.07	24.77	16.11	19.04	19.97	20.95	21.87	22.44
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	350.00	320.00	334.66	1.07	405.72	276.05	320.67	334.66	349.27	362.94	371.38
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	6.00	4.00	4.90	1.33	11.72	2.05	4.04	4.90	5.95	7.08	7.85

CORE-HOLE G-S 17 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	4.70	4.50	4.60	1.03	5.05	4.19	4.50	4.60	4.70	4.78	4.84
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	2	800.00	<10.00	89.44	22.17	1111837.00	0.01	11.05	89.44	724.24	4750.22	14628.44
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<1.00	<3.16	5.09							
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	254.98	460.46
01046*	IRON, DISSOLVED (UG/L AS FE)	2	8899.97	2999.99	5167.18	2.16	53612.98	498.01	3075.08	5167.18	8682.61	13846.54	18304.34
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	100.00	3.00	17.32	11.94	32736.59	0.01	3.25	17.32	92.35	415.97	1023.19
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	320.00	90.00	169.71	2.45	2599.97	11.08	92.63	169.71	310.91	535.92	742.17
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	40.00	3.00	10.95	6.24	2883.34	0.04	3.18	10.95	37.72	114.65	222.90
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	200.00	50.00	100.00	2.67	1973.83	5.07	51.60	100.00	193.80	351.37	501.53
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	390.00	390.00									
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	2.50	1.50	1.94	1.44	5.81	0.65	1.52	1.94	2.47	3.08	3.51
03501	GROSS BETA, DISSOLVED (PC/L)	1	4.00	4.00									

CORE-HOLE G-S 17 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	1.60	0.60	0.98	2.00	8.08	0.12	0.61	0.98	1.56	2.38	3.07
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.20	0.20	0.20	1.00	0.20	0.20	0.20	0.20	0.20	0.20	0.20
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	2.00	4.47	3.12	142.68	0.14	2.07	4.47	9.64	19.24	29.08

END OF CORE-HOLE G-S 17 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 03/24/75 THRU 04/29/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 17 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	796.00	458.00	627.00	239.00	1354.21	-100.21	465.67	627.00	788.33	933.40	1020.16
00011#	TEMPERATURE, WATER (DEG. F)	2	42.08	41.90	41.99	0.13	42.37	41.61	41.91	41.99	42.07	42.15	42.20
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	99999.00	99999.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	20.00	20.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	100.00	100.00									

END OF CCRE-HOLE G-S 17 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/20/74 THRU 11/21/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 17 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	796.00	458.00	627.00	239.00	1354.21	-100.21	465.67	627.00	788.33	933.40	1020.16
00011#	TEMPERATURE, WATER (DEG. F)	2	42.08	41.90	41.99	0.13	42.37	41.61	41.91	41.99	42.07	42.15	42.20
C0095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1240.00	1209.00	1224.40	1.02	1288.72	1163.29	1210.57	1224.40	1238.38	1251.10	1258.76
C0400#	PH (STANDARD UNITS)	2	7.00	6.80	6.90	0.14	7.33	6.47	6.80	6.90	7.00	7.08	7.13
C0410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	410.00	410.00									
C0440*	BICARBONATE ION (MG/L AS HCO3)	2	500.00	430.00	463.68	1.11	641.36	335.22	431.48	463.68	498.28	531.59	552.57
00445*	CARBONATE ION (MG/L AS CO3)	2	<0.10	<0.10	<0.10	1.00							
C0540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	1060.00	890.00	971.29	1.13	1414.26	667.06	893.60	971.29	1055.72	1137.89	1190.06
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	2.40	2.40									
C0900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	380.00	310.00	343.22	1.15	531.79	221.51	311.45	343.22	378.23	412.76	434.89
C0915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	90.00	66.00	77.07	1.25	150.21	39.55	66.47	77.07	89.37	102.09	110.55
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	37.00	35.00	35.99	1.04	40.55	31.93	35.04	35.99	36.95	37.84	38.39
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	2	190.00	185.00	187.48	1.02	198.69	176.91	185.08	187.48	189.91	192.13	193.46
C0935	POTASSIUM, DISSOLVED (MG/L AS K)	1	<1.00	<1.00									
C0940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	14.00	8.30	10.78	1.45	33.20	3.50	8.40	10.78	13.83	17.32	19.80
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	360.00	275.00	314.64	1.21	561.73	176.24	276.68	314.64	357.81	401.67	430.43
C0950*	FLUORIDE, TOTAL (MG/L AS F)	2	2.40	0.06	0.38	13.58	1061.72	0.00	0.07	0.38	2.21	10.75	27.71

CORE-HOLE G-S 17 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	25.00	22.00	23.45	1.09	30.87	17.81	22.06	23.45	24.93	26.33	27.21
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	30.00	30.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<50.00	<50.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	2	<50.00	<50.00	<50.00	1.00							
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<50.00	<50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	<50.00	<50.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	<500.00	<500.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	3.50	3.50									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	0.10	0.10									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.40	1.40									
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	2.10	0.20	0.65	5.27	102.03	0.00	0.21	0.65	1.99	5.46	9.99
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CORE-HOLE G-S 17 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/20/74 THRU 11/21/74

H20QASA-2 CORE-HOLE G-S 17 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER L METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	1686.00	1306.00	1496.00	268.70	2313.57	678.43	1314.63	1496.00	1677.37	1840.47	1938.01
C0011#	TEMPERATURE, WATER (DEG. F)	2	80.00	66.00	73.00	9.90	103.12	42.88	66.32	73.00	79.68	85.69	89.28
C0915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
C0930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	0.10									
C0935	POTASSIUM, DISSOLVED (MG/L AS K)	2	99999.00	99999.00									
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	31.67
C1006*	ALUMINIUM (UG/L)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1020*	BORON, DISSOLVED (UG/L AS B)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
C1040	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
C1046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1049*	LEAD, DISSOLVED (UG/L AS PB)	2	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
C1090	ZINC, DISSOLVED (UG/L AS ZN)	1	500.00	500.00									
C9503	RADIUM (UG/L)	1	400.00	400.00									

END OF CORE-HOLE G-S 18 AQUIFER L METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/16/74 THRU 11/16/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER L METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1686.00	1306.00	1496.00	268.70	2313.57	678.43	1314.63	1496.00	1677.37	1840.47	1938.01
00011#	TEMPERATURE, WATER (DEG. F)	2	80.00	66.00	73.00	9.90	103.12	42.88	66.32	73.00	79.68	85.69	89.28
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	4199.99	3999.99	4098.77	1.03	4548.95	3693.14	4005.10	4098.77	4194.63	4282.75	4336.33
00400#	PH (STANDARD UNITS)	2	9.00	8.50	8.75	0.35	9.83	7.67	8.51	8.75	8.99	9.20	9.33
00440*	BICARBONATE ION (MG/L AS HCO3)	2	3859.99	2230.00	2933.89	1.47	9550.73	901.26	2258.02	2933.89	3812.06	4824.13	5553.59
00445*	CARBONATE ION (MG/L AS CO3)	2	190.00	160.00	174.36	1.13	252.35	120.47	160.63	174.36	189.26	203.75	212.93
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	4380.00	3179.99	3732.07	1.25	7431.89	1874.13	3203.20	3732.07	4348.25	4998.77	5416.05
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	2.40	2.00	2.19	1.14	3.24	1.48	2.01	2.19	2.39	2.58	2.71
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	62.00	29.00	42.40	1.71	217.45	8.27	29.50	42.40	60.94	84.44	102.62
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	12.00	4.50	7.35	2.00	60.63	0.89	4.60	7.35	11.74	17.98	23.00
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	7.80	4.30	5.79	1.52	20.86	1.61	4.36	5.79	7.70	9.94	11.58
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	1850.00	1080.00	1413.50	1.46	4500.09	443.99	1093.26	1413.50	1827.54	2302.49	2643.62
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	33.00	17.00	23.69	1.60	98.69	5.68	17.26	23.69	32.51	43.21	51.23
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	87.00	56.00	69.80	1.37	180.09	27.05	56.56	69.80	86.13	104.06	116.52
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	24.00	<4.00	9.80	3.55	462.73	0.21	4.17	9.80	23.04	49.72	78.75
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	10.00	9.90	9.95	1.01	10.17	9.73	9.90	9.95	10.00	10.04	10.07
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	18.00	14.00	15.87	1.19	27.26	9.24	14.08	15.87	17.90	19.94	21.26

CORE-HOLE G-S 18 AQUIFER L METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	50.00	<10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	<50.00	<50.00	<50.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	130.00	130.00	130.00	1.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	90.00	80.00	84.85	1.09	109.31	65.87	80.22	84.85	89.76	94.41	97.30
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	<500.00	<500.00	<500.00	1.00							
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	400.00	<100.00	200.00	2.67	3947.79	10.13	103.20	200.00	387.60	702.75	1003.08
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	15.00	3.40	7.14	2.86	174.05	0.29	3.52	7.14	14.50	27.42	40.14
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	0.40	0.10	0.20	2.67	3.95	0.01	0.10	0.20	0.39	0.70	1.00
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	5.60	0.55	1.75	5.16	258.59	0.01	0.58	1.75	5.31	14.38	26.10
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 18 AQUIFER L METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/16/74 THRU 11/16/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	2	81.50	65.60	73.55	11.24	107.76	39.34	65.96	73.55	81.14	87.06	92.04
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	5.00	5.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	2.00	2.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	2.00	2.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	2.00	2.00									
01006	ALUMINIUM (UG/L)	1	10.00	10.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	200.00	200.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	10.00	10.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
09503*	RADIUM (UG/L)	2	2099.99	900.00	1374.77	1.82	8509.12	222.11	917.50	1374.77	2059.93	2963.36	3683.25

END OF CORE-HOLE G-S 18 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 05/21/75 THRU 05/24/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER L METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	2	81.50	65.60	73.55	11.24	107.75	39.34	65.96	73.55	81.14	87.96	92.04
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	15799.96	5299.98	9150.92	2.16	95945.31	872.78	5433.25	9150.92	15412.35	24630.09	32600.29
00400#	PH (STANDARD UNITS)	2	8.40	7.30	7.85	0.78	10.22	5.48	7.32	7.85	8.38	8.85	9.13
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	2	10479.97	705.00	2718.15	6.74	904020.44	8.17	749.56	2718.15	9856.93	31394.24	62765.34
00440*	BICARBONATE ION (MG/L AS HCO3)	2	11799.38	1660.00	4425.82	4.00	301004.81	65.08	1735.59	4425.82	11286.00	26138.72	43327.39
00445*	CARBONATE ION (MG/L AS CO3)	2	1010.00	815.00	907.27	1.16	1439.50	571.83	818.96	907.27	1005.11	1102.06	1164.45
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	12199.38	3229.99	6277.41	2.56	109517.50	359.81	3329.01	6277.41	11837.07	20838.09	29450.79
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	2	9.00	5.00	6.71	1.52	23.76	1.89	5.07	6.71	8.88	11.43	13.29
00720*	CYANIDE (MG/L AS CN)	2	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	62.00	28.00	41.67	1.75	230.43	7.53	28.51	41.67	60.89	85.65	105.04
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	4.90	3.30	4.02	1.32	9.41	1.72	3.33	4.02	4.86	5.75	6.37
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	12.00	4.80	7.59	1.91	54.50	1.06	4.90	7.59	11.75	17.42	22.03
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	5289.99	1400.00	2721.39	2.56	47524.97	155.85	1442.88	2721.39	5132.73	8051.30	12774.31
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	130.00	93.00	109.95	1.27	225.99	53.50	93.71	109.95	129.01	148.95	162.32
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	50.00	<5.00	15.81	5.09	2241.14	0.11	5.27	15.81	47.45	127.49	230.23
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	40.00	37.00	38.47	1.06	45.50	32.53	37.07	38.47	39.93	41.29	42.12
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	16.00	16.00	16.00	1.00	16.13	15.87	15.97	16.00	16.03	16.06	16.07

CORE-HOLE G-S 18 AQUIFER L METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	2	17999.97	2599.99	6841.04	3.93439544.81	106.47	2716.78	6841.04	17226.18	39523.21	64943.70	
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	500.00	400.00	447.21	1.17	722.66	276.75	402.05	447.21	497.45	547.43	579.69
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	80.00	70.00	74.83	1.10	99.73	56.15	70.21	74.83	79.76	84.46	87.40
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	<50.00	<50.00	<50.00	1.00							
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	70.00	50.00	59.16	1.27	122.02	28.68	50.38	59.16	69.47	80.26	87.50
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	55.00	18.00	31.46	2.20	347.95	2.85	18.46	31.46	53.62	86.61	115.36
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	0.20	<0.10	0.14	1.63	0.63	0.03	0.10	0.14	0.20	0.27	0.32
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	2.70	2.70									
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10

H200ASA-2 CORE-HOLE G-S 18. AQUIFER L METHOD 2 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71890* MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 18 AQUIFER L METHOD 2 WET SAMPLES REPORTING PERIOD IS 05/21/75 THRU 05/24/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	346.71	346.71									
00011#	TEMPERATURE, WATER (DEG. F)	1	61.50	61.50									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	5.00	5.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	5.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	1.00	1.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	10.00	10.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	100.00	100.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									

END OF CORE-HOLE G-S 18 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/21/75 THRU 03/21/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 18 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	346.71	346.71									
00011#	TEMPERATURE, WATER (DEG. F)	1	61.50	61.50									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	7799.98	7799.98									
00400#	PH (STANDARD UNITS)	1	8.40	8.40									
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	6184.99	6184.99									
00440	BICARBONATE ION (MG/L AS HCO3)	1	7399.99	7399.99									
00445	CARBONATE ION (MG/L AS CO3)	1	140.00	140.00									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	6869.99	6869.99									
00720	CYANIDE (MG/L AS CN)	1	<0.01	<0.01									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	28.00	28.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	<1.00	<1.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	6.80	6.80									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	2949.99	2949.99									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	110.00	110.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	3.50	3.50									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	30.00	30.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	7.60	7.60									

CORE-HOLE G-S 18 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	<1000.00	<1000.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	800.00	800.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<1.00	<1.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<10.00	<10.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	110.00	110.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	6.00	6.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	<10.00	<10.00									
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	6.00	6.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	8.00	8.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	60.00	60.00									
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	260.00	260.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	23.00	23.00									
03501	GROSS BETA, DISSOLVED (PC/L)	1	260.00	260.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	2.40	2.40									

CORE-HOLE G-S 18 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.40	1.40									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10									
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<1.00	<1.00									

END OF CORE-HOLE G-S 18 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/21/75 THRU 03/21/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003# SAMPLE DEPTH, FEET	2	781.00	235.00	508.00	386.08	1682.72	-666.72	247.40	508.00	768.60	1002.95	1143.10
C0011# TEMPERATURE, WATER (DEG. F)	2	61.00	49.00	55.00	8.49	80.82	29.18	49.27	55.00	60.73	65.88	68.96
00915 CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
C0930 SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
C0935 POTASSIUM, DISSOLVED (MG/L AS K)	2	99999.00	99999.00									
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05
01006* ALUMINIUM (UG/L)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
01020* BORON, DISSOLVED (UG/L AS B)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	961.84	1453.84
01046* IRON, DISSOLVED (UG/L AS FE)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01090 ZINC, DISSOLVED (UG/L AS ZN)	1	500.00	500.00									
C9503 RADIUM (UG/L)	1	100.00	100.00									

END OF CORE-HOLE G-S 18 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/11/74 THRU 11/12/74

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 18 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	781.00	235.00	508.00	386.08	1682.72	-666.72	247.40	508.00	768.60	1002.95	1143.10
00011#	TEMPERATURE, WATER (DEG. F)	2	61.00	49.00	55.00	8.49	80.82	29.18	49.27	55.00	60.73	65.88	68.96
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	2499.99	1220.00	1746.42	1.66	8176.08	373.04	1240.01	1746.42	2459.64	3346.67	4023.39
00400#	PH (STANDARD UNITS)	2	7.20	6.20	6.70	0.71	8.85	4.55	6.22	6.70	7.18	7.61	7.86
00440*	BICARBONATE ION (MG/L AS HCO3)	2	1500.00	550.00	908.29	2.03	7865.19	104.89	562.67	908.29	1406.22	2255.40	2917.88
00445*	CARBONATE ION (MG/L AS CO3)	2	110.00	<0.10	3.32	141.45594272.00		0.00	0.12	3.32	93.83	1895.61	11439.64
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	2130.00	1070.00	1509.67	1.63	6639.34	343.27	1086.88	1509.67	2096.91	2817.76	3362.36
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.40	0.70	0.99	1.63	4.40	0.22	0.71	0.99	1.38	1.86	2.22
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	390.00	200.00	279.28	1.60	1175.06	66.38	203.05	279.28	384.13	511.64	607.32
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	54.00	52.00	52.99	1.03	57.47	48.86	52.05	52.99	53.95	54.83	55.37
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	63.00	16.00	31.75	2.64	605.82	1.66	16.51	31.75	61.07	109.98	156.34
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	720.00	180.00	360.00	2.67	7106.02	18.24	185.76	360.00	697.69	1264.95	1805.54
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	76.00	17.00	35.94	2.88	901.34	1.43	17.59	35.94	73.46	159.70	205.18
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	39.00	9.70	19.45	2.67	388.20	0.97	10.01	19.45	37.79	68.66	98.14
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	260.00	86.00	149.53	2.19	1616.08	13.84	88.19	149.53	253.55	407.65	541.51
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	10.00	2.90	5.39	2.40	77.24	0.38	2.98	5.39	9.72	16.54	22.73
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	24.00	16.00	19.60	1.33	46.88	8.19	16.15	19.60	23.78	28.30	31.40

CORE-HOLE G-S 18 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	70.00	<10.00	26.46	3.96	1740.92	0.40	10.45	26.46	66.97	154.40	254.42
C1025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
C1030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	<50.00	<50.00	<50.00	1.00							
C1040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	200.00	80.00	126.49	1.91	908.29	17.62	81.68	126.49	195.88	290.27	367.23
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	60.00	<50.00	54.77	1.14	81.08	37.00	50.21	54.77	59.75	64.61	67.71
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	800.00	<500.00	632.45	1.39	1738.71	230.05	505.35	632.45	791.52	968.46	1092.64
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	600.00	200.00	346.41	2.17	3682.28	32.59	205.05	346.41	585.22	937.79	1243.29
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
C1503	GROSS ALPHA, DISSOLVED (PC/L)	1	10.00	10.00									
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.85	0.26	0.47	2.31	6.01	0.04	0.27	0.47	0.83	1.38	1.86
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 18 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/11/74 THRU 11/12/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 19. AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1410.00	1410.00									
00011=	TEMPERATURE, WATER (DEG. F)	1	42.98	42.98									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	2.00	2.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	20.00	20.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	9999.98	9999.98									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	200.00	200.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	100.00	100.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 19 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 12/18/74 THRU 12/18/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 19 AQUIFER C METHOD 1

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1410.00	1410.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	42.98	42.98									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1910.00	1910.00									
00400#	PH (STANDARD UNITS)	1	7.20	7.20									
00440	BICARBONATE ION (MG/L AS HCO3)	1	890.00	890.00									
00445	CARBONATE ION (MG/L AS CO3)	1	<0.10	<0.10									
70540	DISSOLVED SOLIDS (RDE AT 173 DEG C, M	1	1180.00	1180.00									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	320.00	320.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	15.00	15.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	68.00	68.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	350.00	350.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	6.30	6.30									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	37.00	37.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	280.00	280.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	16.00	16.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	23.00	23.00									
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									

CORE-HOLE G-S 19 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	20.00	20.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<50.00	<50.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	15999.95	15999.95									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	<50.00	<50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	230.00	230.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	<500.00	<500.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	<0.10	<0.10									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.20	1.20									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.60	0.60									

END OF CORE-HOLE G-S 19 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 12/18/74 THRU 12/18/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 19 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	2	63.10	63.10	63.10	0.04	63.23	62.97	63.07	63.10	63.13	63.16	63.17
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	5	99999.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	6	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	6	5.00	0.10	2.24	4.79	10.69	0.47	0.78	2.24	6.43	16.64	29.38
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	6	10.00	2.00	5.41	1.81	9.79	2.99	3.62	5.41	8.07	11.58	14.36
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01006*	ALUMINIUM (UG/L)	6	200.00	10.00	28.17	3.46	97.47	8.14	12.18	28.17	65.17	138.54	217.49
01020*	BORON, DISSOLVED (UG/L AS B)	6	1000.00	100.00	215.44	2.67	575.56	80.64	110.91	215.44	418.49	760.32	1086.60
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	3.16	3.53	11.15	0.90	1.35	3.16	7.41	15.93	25.18
01046*	IRON, DISSOLVED (UG/L AS FE)	6	200.00	10.00	28.17	3.46	97.47	8.14	12.18	28.17	65.17	138.54	217.49
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	20.00	1.00	2.71	5.64	65.11	0.11	0.84	2.71	8.72	24.93	46.70
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	5.00	5.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	6	100.00	10.00	68.13	2.56	174.24	26.64	36.12	68.13	128.50	227.35	319.81
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	4	10.00	1.00	5.62	3.16	27.80	1.14	2.59	5.62	12.23	24.60	37.37
09503*	RADIUM (UG/L)	4	400.00	100.00	186.12	2.07	510.46	67.86	113.95	186.12	304.00	472.60	615.31

END OF CORE-HOLE G-S 19 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/07/75 THRU 04/25/75

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM

CORE-HOLE G-S 19 AQUIFER L METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 19 AQUIFER L METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011#	TEMPERATURE, WATER (DEG. F)	2	63.10	63.10	63.10	0.04	63.23	62.97	63.07	63.10	63.13	63.16	63.17
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	6	3199.99	1800.00	2379.01	1.27	3012.93	1878.46	2028.03	2379.01	2790.72	3221.47	3510.21
00400#	PH (STANDARD UNITS)	6	8.10	7.20	7.57	0.42	7.99	7.14	7.28	7.57	7.85	8.11	8.26
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	6	2049.99	920.00	1441.16	1.36	1965.76	1056.56	1168.47	1441.16	1777.49	2146.47	2402.78
00440*	BICARBONATE ION (MG/L AS HCO3)	6	2320.00	1090.00	1726.60	1.36	2341.62	1273.11	1405.34	1726.60	2121.30	2552.73	2851.59
00445*	CARBONATE ION (MG/L AS CO3)	6	185.00	<0.10	0.91	31.92	28.83	0.03	0.09	0.91	9.39	76.84	270.13
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	6	2819.99	1390.00	1878.93	1.29	2421.58	1457.87	1582.91	1878.93	2230.29	2602.04	2853.35
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	3	13.00	4.00	6.38	1.87	20.16	2.02	4.18	6.38	9.74	14.24	17.88
00720*	CYANIDE (MG/L AS CN)	6	<0.10	<0.01	<0.01	2.56							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	6	285.00	44.00	111.21	2.04	226.23	54.67	68.83	111.21	179.69	276.54	358.08
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	6	82.00	12.00	24.55	2.26	55.51	10.86	14.15	24.55	42.61	69.93	94.05
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	27.00	2.80	9.94	2.61	25.90	3.82	5.21	9.94	18.99	33.98	48.12
00930*	SODIUM, DISSOLVED (MG/L AS NA)	6	1190.00	440.00	730.00	1.42	1038.78	513.00	575.18	730.00	926.49	1147.97	1304.96
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	6	130.00	<1.00	11.61	5.66	65.60	2.05	3.60	11.61	37.41	107.15	201.06
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	6	225.00	44.00	108.92	1.93	209.98	56.50	69.90	108.92	169.72	252.89	321.02
00950*	FLUORIDE, TOTAL (MG/L AS F)	6	66.00	<0.05	2.60	15.68	40.65	0.17	0.41	2.60	16.67	88.58	240.57
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	6	22.00	7.20	13.29	1.50	19.96	8.85	10.10	13.29	17.50	22.40	25.96

CCRE-HOLE G-S 19 AQUIFER L METHOD 2 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	6	20.00	<10.00	11.22	1.33	14.89	8.46	9.27	11.22	13.59	16.13	17.88
01005*	BARIUM, DISSOLVED (UG/L AS BA)	6	<1000.00	<100.00	<681.29	2.56							
01020*	BORON, DISSOLVED (UG/L AS B)	6	4499.99	300.00	1277.87	2.68	3420.30	477.43	657.02	1277.87	2485.39	4520.63	6464.99
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	6	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	<100.00	<10.00	<31.62	3.53							
01046*	IRON, DISSOLVED (UG/L AS FE)	6	32999.96	<50.00	1431.72	24.91	35541.95	57.67	163.44	1431.72	12541.86	88291.31	283645.38
01049*	LEAD, DISSOLVED (UG/L AS PB)	6	80.00	40.00	64.98	1.30	84.29	50.09	54.50	64.98	77.47	90.74	99.73
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	6	130.00	<50.00	58.63	1.48	86.57	39.71	45.06	58.63	76.29	96.67	111.38
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	50.00	10.00	19.79	1.87	37.01	10.58	12.96	19.79	30.21	44.19	55.48
01075*	SILVER, DISSOLVED (UG/L AS AG)	6	<10.00	<10.00	<10.00	1.00							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	6	600.00	<10.00	97.14	3.72	360.61	26.16	40.04	97.14	235.66	522.91	842.22
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	3	500.00	<100.00	171.00	2.53	942.68	31.02	91.33	171.00	320.17	562.78	788.55
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	6	<10.00	<10.00	<10.00	1.00							
01502*	GROSS ALPHA, DISSOLVED (PC/L)	3	8.40	4.00	5.25	1.51	11.13	2.47	3.98	5.25	6.92	8.87	10.28
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	6	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	4	1.40	0.60	0.92	1.63	1.81	0.46	0.66	0.92	1.28	1.72	2.05

H20QASA-2 CORE-HOLE G-S 19 AQUIFER L METHOD 2 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	6	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
71890*	MERCURY DISSOLVED (UG/L AS HG)	6	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 19 AQUIFER L METHOD 2 WET SAMPLES REPORTING PERIOD IS 04/07/75 THRU 04/25/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCRE-HOLE G-S 19 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	841.00	142.00	491.50	494.27	1995.40	-1012.40	157.87	491.50	825.13	1125.15	1304.57
00011#	TEMPERATURE, WATER (DEG. F)	2	41.54	39.92	40.73	1.15	44.22	37.24	39.96	40.73	41.50	42.20	42.61
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	99999.00	99999.00									
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	5.00	10.00	2.67	197.39	0.51	5.16	10.00	19.38	35.14	50.15
01006*	ALUMINIUM (UG/L)	2	500.00	200.00	316.23	1.91	2270.72	44.04	204.20	316.23	489.70	725.66	918.07
01020*	BORON, DISSOLVED (UG/L AS B)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	961.84	1453.84
01040	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	20.00	44.72	3.12	1426.74	1.40	20.74	44.72	96.41	192.37	290.77
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	100.00	100.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CCRE-HOLE G-S 19 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 11/27/74 THRU 12/17/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM

CORE-HOLE G-S 19 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 19 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	2	841.00	142.00	491.50	494.27	1995.40	-1012.40	157.87	491.50	825.13	1125.15	1304.57
00011*	TEMPERATURE, WATER (DEG. F)	2	41.54	39.92	40.73	1.15	44.22	37.24	39.96	40.73	41.50	42.20	42.61
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	4699.99	850.00	1998.75	3.35	79183.50	50.45	883.65	1998.75	4521.02	9419.00	14609.51
00400*	PH (STANDARD UNITS)	2	9.50	6.80	8.15	1.91	13.96	2.34	6.86	8.15	9.44	10.60	11.29
00440*	BICARBONATE ION (MG/L AS HCO3)	2	430.00	<0.10	6.56	370.89	6594	0.00	0.00	0.12	6.56	355.61	12887.66 110445.44
00445*	CARBONATE ION (MG/L AS CO3)	2	1190.00	<0.10	10.91	761.81	7285	12.00	0.00	0.12	10.91	961.65	5397.83 6003 51.81
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	2	2539.99	830.00	1451.96	2.21	16108.85	130.87	851.34	1451.96	2476.31	4002.22	5333.16
00746	SULFIDE, DISSOLVED (MG/L AS S)	1	<0.50	<0.50									
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	1870.00	430.00	896.71	2.83	21190.08	37.95	444.59	896.71	1808.64	3399.02	4956.94
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	780.00	100.00	279.28	4.27	23193.94	3.36	104.77	279.28	744.45	1797.77	3045.89
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	42.00	<0.10	2.05	71.60	902	689.38	0.00	0.11	2.05	36.62	489.36 2306.53
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	150.00	70.00	102.47	1.71	528.12	19.88	71.22	102.47	147.43	204.48	248.66
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	75.00	36.00	51.96	1.68	252.05	10.71	36.60	51.96	73.76	101.07	122.03
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	180.00	2.80	22.45	18.99	174	329.88	0.00	3.08	22.45	163.77	977.69 2847.04
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	310.00	50.00	124.50	3.63	6309.48	2.46	52.11	124.50	297.42	650.84	1039.60
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	4.60	0.80	1.92	3.44	82.67	0.04	0.83	1.92	4.42	9.37	14.67
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	32.00	2.30	8.58	6.43	2474.61	0.03	2.44	8.58	30.14	93.32	183.42

CORE-HOLE G-S 19 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01025* CADMIUM, DISSOLVED (UG/L AS CD)	2	30.00	<10.00	17.32	2.17	184.11	1.63	10.25	17.32	29.26	46.89	62.16
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	2	<50.00	<50.00	<50.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	2	400.00	<50.00	141.42	4.35	12402.91	1.61	52.42	141.42	381.56	931.49	1588.50
01049* LEAD, DISSOLVED (UG/L AS PB)	2	60.00	<50.00	54.77	1.14	81.08	37.00	50.21	54.77	59.75	64.61	67.71
01056 MANGANESE, DISSOLVED (UG/L AS MN)	1	<50.00	<50.00									
01090* ZINC, DISSOLVED (UG/L AS ZN)	2	<500.00	<500.00	<500.00	1.00							
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	1	200.00	200.00									
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00							
71830* HYDROXIDE (MG/L)	2	380.00	<0.10	6.16	339.85	301440.00	0.00	0.12	6.16	315.14	10839.31	89920.56
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	2.00	1.90	1.95	1.04	2.18	1.75	1.90	1.95	2.00	2.04	2.07
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.60	<0.10	0.24	3.55	11.57	0.01	0.10	0.24	0.58	1.24	1.97
71890 MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CORE-HOLE G-S 19 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 11/27/74 THRU 12/17/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1424.00	1424.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	73.00	73.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	10.00	10.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	20.00	20.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	10.00	10.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 2-3 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 08/09/74 THRU 08/09/74

CORE-HOLE G-S 2-3 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 2-3 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1424.00	1424.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	73.00	73.00									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	3399.99	3399.99									
00400#	PH (STANDARD UNITS)	1	7.40	7.40									
00440	BICARBONATE ION (MG/L AS HCO3)	1	1960.00	1960.00									
00445	CARBONATE ION (MG/L AS CO3)	1	134.00	134.00									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	2290.00	2290.00									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	59.00	59.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	10.00	10.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	8.10	8.10									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	945.00	945.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	<1.00	<1.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	160.00	160.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	26.00	26.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	35.00	35.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	15.00	15.00									
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	30.00	30.00									

CORE-HOLE G-S 2-3 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.90	0.90									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.30	0.30									
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

CORE-HOLE G-S 2-3 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

END OF CORE-HOLE G-S 2-3 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 08/09/74 THRU 08/09/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	264.89	248.55	256.35	7.26	266.42	246.27	251.45	256.35	261.25	265.65	268.29
00011#	TEMPERATURE, WATER (DEG. F)	4	63.50	61.00	62.10	1.16	63.71	60.49	61.32	62.10	62.88	63.59	64.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	1.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	1.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	10.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.01	0.22	14.28	28.49	0.00	0.04	0.22	1.30	6.51	17.09
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	2.00	2.71	1.70	7.17	1.03	1.90	2.71	3.88	5.35	6.48
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01006*	ALUMINIUM (UG/L)	3	100.00	10.00	27.14	3.26	237.78	3.10	12.23	27.14	60.25	123.42	189.50
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	500.00	500.00	1.01	504.79	495.25	498.25	500.00	501.75	503.34	504.29
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01046*	IRON, DISSOLVED (UG/L AS FE)	3	50.00	10.00	17.10	2.53	94.27	3.10	9.13	17.10	32.02	56.28	78.86
01049	LEAD, DISSOLVED (UG/L AS PB)	1	50.00	50.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	5.00	1.00	2.24	3.12	71.34	0.07	1.04	2.24	4.82	9.62	14.54
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	1.00	4.64	3.78	53.37	0.40	1.89	4.64	11.39	25.52	41.34

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C9503 RADIUM (UG/L)	1	300.00	300.00									

END OF CORE-HOLE G-S 2-3 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/12/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	264.89	248.55	256.35	7.26	266.42	246.27	251.45	256.35	261.25	265.05	268.29
00011#	TEMPERATURE, WATER (DEG. F)	4	63.50	61.00	62.10	1.16	63.71	60.49	61.32	62.10	62.88	63.59	64.01
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	2040.00	960.00	1347.11	1.45	2252.77	805.54	1049.07	1347.11	1729.83	2166.02	2477.79
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	13.80	13.00	13.39	1.04	15.23	11.78	13.02	13.39	13.78	14.14	14.36
00400#	PH (STANDARD UNITS)	4	7.40	6.60	7.10	0.38	7.63	6.57	6.84	7.10	7.36	7.59	7.73
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	1200.00	400.00	756.70	1.69	1569.70	364.78	530.66	756.70	1079.02	1484.61	1796.76
00440*	BICARBONATE ION (MG/L AS HCO3)	4	1470.00	410.00	872.97	1.80	1980.89	384.71	586.05	872.97	1300.34	1860.73	2305.43
00445*	CARBONATE ION (MG/L AS CO3)	4	81.00	<0.10	13.07	25.83	1191.89	0.14	1.46	13.07	117.32	844.40	2748.87
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	4	1400.00	640.00	1005.09	1.46	1693.84	596.40	779.79	1005.09	1295.50	1627.66	1865.71
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.10	1.10									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.10	<0.02	0.04	3.12	1.43	0.00	0.02	0.04	0.10	0.19	0.29
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	9.00	8.00	8.59	1.06	9.30	7.93	8.26	8.59	8.93	9.25	9.44
00720*	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.30	<0.10	0.36	6.13	89.87	0.00	0.11	0.36	1.23	3.69	7.12
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	64.00	40.00	49.72	1.27	76.83	32.17	42.37	49.72	58.34	67.36	73.41
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	6.00	4.90	5.56	1.09	6.28	4.92	5.24	5.56	5.90	6.22	6.42
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	12.00	6.80	9.04	1.28	12.72	6.43	7.66	9.04	10.68	12.39	13.55

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	580.00	215.00	397.44	1.61	770.79	204.94	288.00	397.44	548.49	732.77	871.36
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	1.00	2.24	3.12	71.34	0.07	1.04	2.24	4.82	9.62	14.54
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	30.00	9.50	18.12	1.73	38.70	8.48	12.53	18.12	26.20	36.52	44.53
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	50.00	15.00	29.79	1.66	60.04	14.78	21.19	29.79	41.89	56.91	68.36
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	24.00	11.00	16.43	1.51	29.22	9.24	12.42	16.43	21.74	27.97	32.51
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	11.00	6.60	8.65	1.26	11.98	6.24	7.38	8.65	10.13	11.68	12.72
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	1300.00	<100.00	581.57	3.29	3037.02	111.37	260.32	581.57	1299.27	2076.87	4124.42
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	20.00	<10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	18.54	21.03
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	40.00	<10.00	14.14	2.00	37.01	5.40	8.86	14.14	22.58	34.39	44.23
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01046*	IRON, DISSOLVED (UG/L AS FE)	4	2399.99	<50.00	468.07	6.50	6286.12	34.85	132.35	468.07	1655.40	5155.05	10168.47
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	900.00	70.00	247.95	3.57	1452.61	42.32	104.95	247.95	585.80	1209.16	2015.17
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	<50.00	<50.00	<50.00	1.00							
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	300.00	300.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	500.00	<100.00	294.28	2.14	843.63	102.65	176.33	294.28	491.13	778.44	1025.28
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	800.00	800.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	6.80	0.80	3.21	3.34	29.43	0.35	1.42	3.21	7.25	15.07	23.34
03501	GROSS BETA, DISSOLVED (PC/L)	1	19.00	19.00									
32730*	PHENOLS (UG/L)	2	3.00	<1.00	1.73	2.17	18.41	0.16	1.03	1.73	2.93	4.69	6.22
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	2.30	0.40	0.86	2.44	4.46	0.17	0.47	0.86	1.58	2.71	3.75
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	1.20	0.20	0.36	2.81	2.43	0.05	0.18	0.36	0.73	1.37	1.99
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.68	1.41							

END OF CORE-HOLE G-S 2-3 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/12/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "-9999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	3	261.65	251.47	256.24	5.12	265.64	246.84	252.78	256.24	259.69	262.50	264.66
C0011#	TEMPERATURE, WATER (DEG. F)	3	59.90	57.90	58.57	1.15	60.69	56.45	57.79	58.57	59.35	60.05	60.47
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
C0935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.10	0.37	3.26	3.23	0.04	0.17	0.37	0.82	1.58	2.57
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	10.00	2.00	4.64	2.24	20.45	1.05	2.69	4.64	8.00	13.07	17.51
C1006*	ALUMINIUM (UG/L)	3	100.00	50.00	79.37	1.49	165.56	38.05	60.58	79.37	103.99	132.58	153.31
C1020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	100.00	292.40	2.53	1611.92	53.04	156.17	292.40	547.49	962.33	1348.38
C1040*	COPPER, DISSOLVED (UG/L AS CU)	3	5.00	1.00	1.71	2.53	9.43	0.31	0.91	1.71	3.20	5.63	7.89
C1046*	IRON, DISSOLVED (UG/L AS FE)	3	20.00	10.00	15.87	1.49	33.11	7.61	12.12	15.87	20.80	26.52	30.66
C1049	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
C1056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	200.00	1.00	10.00	15.12	1469.67	0.07	1.60	10.00	62.56	325.35	872.11
C1060*	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
C1080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1090*	ZINC, DISSOLVED (UG/L AS ZN)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05

+2CQASA-2 CORE-HOLE G-S 2-3 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

END OF CORE-HOLE G-S 2-3 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/29/75 THRU 06/10/75

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* -- ESTIMATE USING METHOD OF MOMENTS
+ -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	3	261.65	251.47	256.24	5.12	265.64	246.84	252.78	256.24	259.69	262.30	264.66
00011#	TEMPERATURE, WATER (DEG. F)	3	59.90	57.50	58.57	1.15	60.69	56.45	57.79	58.57	59.35	60.05	60.47
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	1260.00	1150.00	1195.77	1.05	1302.98	1097.39	1158.64	1195.77	1234.10	1269.61	1291.33
00400#	PH (STANDARD UNITS)	3	7.40	6.60	6.93	0.42	7.70	6.17	6.65	6.93	7.21	7.47	7.62
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	3	432.00	369.00	393.76	1.09	457.94	338.58	372.51	393.76	416.23	437.52	450.77
00440*	BICARBONATE ION (MG/L AS HCO3)	3	460.00	355.00	402.73	1.14	511.11	317.33	368.97	402.73	439.58	475.60	498.53
00445*	CARBONATE ION (MG/L AS CO3)	3	115.00	48.00	70.32	1.56	159.89	30.93	52.00	70.32	95.10	124.75	146.73
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	3	840.00	680.00	740.20	1.12	908.46	603.10	686.53	740.20	798.05	853.94	889.21
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	3	9.00	5.00	6.46	1.35	11.23	3.72	5.28	6.46	7.92	9.51	10.60
00720*	CYANIDE (MG/L AS CN)	3	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	260.00	200.00	235.13	1.15	304.91	181.32	213.72	235.13	258.69	281.93	296.74
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	3	59.00	9.80	22.61	2.47	118.99	4.30	12.29	22.61	41.62	72.06	100.02
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	51.00	25.00	37.99	1.45	75.28	19.17	29.55	37.99	48.84	61.22	70.08
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	220.00	170.00	197.19	1.14	251.86	154.38	180.23	197.19	215.74	233.60	245.49
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	3	14.00	<1.00	3.40	3.78	39.11	0.30	1.38	3.40	8.34	18.69	30.29
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	3	220.00	115.00	175.87	1.44	345.81	89.44	137.18	175.87	225.47	281.91	322.20
00950*	FLUORIDE, TOTAL (MG/L AS F)	3	8.00	3.00	4.87	1.63	11.98	1.98	3.49	4.87	6.78	9.13	10.90

CORE-HOLE G-S 2-3 AQUIFER L METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.20	4.20	4.55	1.12	5.64	3.67	4.20	4.55	4.92	5.28	5.51
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	3	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	3	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	3	3299.99	<10.00	187.58	18.18	38638.30	0.91	26.49	187.58	1328.41	7723.36	22132.70
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	3	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	3	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	100.00	<10.00	21.54	3.78	247.74	1.87	8.78	21.54	52.85	118.44	191.90
01046*	IRON, DISSOLVED (UG/L AS FE)	3	4099.99	1100.00	2508.50	2.05	9386.05	670.41	1544.74	2508.50	4073.53	6299.67	8176.19
01049*	LEAD, DISSOLVED (UG/L AS PB)	3	200.00	60.00	133.89	2.00	480.10	37.34	83.75	133.89	214.05	326.40	420.08
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	70.00	<50.00	55.93	1.21	79.92	39.15	49.06	55.93	63.77	71.75	77.00
01065*	NICKEL, DISSOLVED (UG/L AS NI)	3	<10.00	<10.00	<10.00	1.00							
01075*	SILVER, DISSOLVED (UG/L AS AG)	3	20.00	<10.00	12.60	1.49	26.28	6.04	9.62	12.60	16.51	21.05	24.34
01090*	ZINC, DISSOLVED (UG/L AS ZN)	3	2000.00	760.00	1344.79	1.66	3410.81	530.21	955.30	1344.79	1893.07	2574.65	3094.46
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	3	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	2	2.20	1.80	1.99	1.15	3.06	1.29	1.81	1.99	2.19	2.39	2.51
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	3	<0.10	<0.01	<0.05	3.78							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.20	0.10	0.13	1.49	0.26	0.06	0.10	0.13	0.17	0.21	0.24

CCRE-HOLE G-S 2-3 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.70	0.20	0.38	1.87	1.21	0.12	0.25	0.38	0.58	0.86	1.07
71890*	MERCURY DISSOLVED (UG/L AS HG)	3	<10.00	<10.00	<10.00	1.00							

END OF CCRE-HOLE G-S 2-3 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 04/29/75 THRU 06/10/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	714.00	455.00	584.50	183.14	1141.74	27.26	460.88	584.50	708.12	819.29	885.77
00011#	TEMPERATURE, WATER (DEG. F)	2	42.44	42.44	42.44	0.00	42.44	42.44	42.44	42.44	42.44	42.44	42.44
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	30.00	20.00	24.49	1.33	58.60	10.24	20.18	24.49	29.72	35.38	39.26
01006*	ALUMINIUM (UG/L)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	961.84	1453.84
01020*	BORON, DISSOLVED (UG/L AS B)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	1.00	1.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	10.00	10.00									
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	20.00	10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	31.67

END OF CORE-HOLE G-S 2-3 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 08/02/74 THRU 08/03/74

NNN-221-0000

CORE-HOLE G-S 2-3 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

& -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	714.00	455.00	584.50	183.14	1141.74	27.26	460.88	584.50	708.12	819.29	885.77
00011#	TEMPERATURE, WATER (DEG. F)	2	42.44	42.44	42.44	0.00	42.44	42.44	42.44	42.44	42.44	42.44	42.44
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1250.00	1240.00	1244.99	1.01	1269.31	1221.13	1239.66	1244.99	1250.35	1255.18	1258.08
00400#	PH (STANDARD UNITS)	2	7.00	6.90	6.95	0.07	7.17	6.73	6.90	6.95	7.00	7.04	7.07
00440*	BICARBONATE ION (MG/L AS HCO3)	2	550.00	451.00	498.04	1.15	763.37	324.94	453.03	498.04	547.54	596.23	627.39
00445*	CARBONATE ION (MG/L AS CO3)	2	34.00	24.00	28.57	1.28	60.44	13.50	24.19	28.57	33.73	39.17	42.83
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	1005.00	954.00	979.17	1.04	1094.30	876.15	955.31	979.17	1003.61	1026.12	1039.82
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	500.00	454.00	476.44	1.07	586.85	386.81	454.92	476.44	498.99	520.18	533.27
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	110.00	69.00	87.12	1.39	237.62	31.94	69.73	87.12	108.84	132.96	149.87
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	69.00	55.00	61.60	1.17	100.34	37.82	55.28	61.60	68.65	75.66	80.20
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	230.00	187.00	207.39	1.16	323.65	132.89	187.89	207.39	228.91	250.17	263.81
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	1.40	<1.00	1.18	1.27	2.44	0.57	1.01	1.18	1.39	1.61	1.75
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	50.00	45.00	47.43	1.08	59.50	37.81	45.11	47.43	49.88	52.19	53.62
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	400.00	350.00	374.16	1.10	498.56	280.81	351.08	374.16	398.76	422.26	436.97
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	0.50	0.20	0.32	1.91	2.27	0.04	0.20	0.32	0.49	0.73	0.92
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	34.00	21.00	26.72	1.41	75.35	9.48	21.23	26.72	33.63	41.36	46.80
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	100.00	<10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	284.38	460.46

CORE-HOLE G-S 2-3 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	1.00	0.90	0.95	1.08	1.19	0.76	0.90	0.95	1.00	1.04	1.07
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.20	<0.10	0.14	1.63	0.63	0.03	0.10	0.14	0.20	0.27	0.32
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

CORE-HOLE G-S 2-3 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

END OF CORE-HOLE G-S 2-3 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 08/02/74 THRU 08/03/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	6	112.22	98.06	106.40	5.98	112.38	100.43	102.36	106.40	110.44	114.07	116.25
00011*	TEMPERATURE, WATER (DEG. F)	6	55.80	51.80	53.42	1.81	55.22	51.61	52.20	53.42	54.64	55.73	56.39
00915	CALCIUM, DISSOLVED (MG/L AS CA)	5	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	5	99999.00	99999.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	5	99999.00	5.00	8.41	1.41	13.60	5.20	6.65	8.41	10.63	13.11	14.87
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	5	1.00	0.01	0.22	7.13	2.09	0.02	0.06	0.22	0.82	2.71	5.54
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	5	10.00	5.00	5.74	1.36	8.20	4.02	4.66	5.74	7.08	8.55	9.56
01006*	ALUMINIUM (UG/L)	5	100.00	10.00	47.82	2.56	141.07	16.21	25.34	47.82	90.24	159.75	224.79
01020*	BORON, DISSOLVED (UG/L AS B)	5	500.00	100.00	251.19	1.99	554.79	113.73	157.75	251.19	399.97	607.72	780.45
01040*	COPPER, DISSOLVED (UG/L AS CU)	5	10.00	1.00	3.98	3.53	16.97	0.93	1.70	3.98	9.33	20.05	31.70
01046*	IRON, DISSOLVED (UG/L AS FE)	5	50.00	10.00	21.87	2.24	55.26	8.65	12.69	21.87	37.68	61.47	82.38
01049*	LEAD, DISSOLVED (UG/L AS PB)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	100.00	1.00	4.73	8.77	96.28	0.23	1.09	4.73	20.48	76.49	168.22
01060*	MOLYBDENUM, DISS (UG/L AS MO)	4	10.00	1.00	1.78	3.16	8.79	0.36	0.82	1.78	3.87	7.78	11.82
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	5	100.00	100.00	100.00	1.00	100.40	99.60	99.76	100.00	100.23	100.45	100.57
01090*	ZINC, DISSOLVED (UG/L AS ZN)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

END OF CORE-HOLE G-S 2-3 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/29/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3

WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003* SAMPLE DEPTH, FEET	6	112.22	98.06	106.40	5.98	112.38	100.43	102.36	106.40	110.44	114.07	116.25
00011* TEMPERATURE, WATER (DEG. F)	6	55.80	51.80	53.42	1.81	55.22	51.61	52.20	53.42	54.64	55.73	56.39
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	6	2549.09	970.00	1319.20	1.40	1849.44	940.97	1049.94	1319.20	1657.50	2035.21	2301.06
00340* CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	25.70	10.00	16.03	1.95	122.16	2.10	10.22	16.03	25.16	37.72	48.06
00400* PH (STANDARD UNITS)	6	7.40	6.40	7.02	0.38	7.40	6.64	6.76	7.02	7.27	7.51	7.64
00410* ALKALINITY, TOTAL (MG/L AS CACO3)	6	425.00	328.00	371.61	1.12	414.37	332.86	344.97	371.61	400.32	428.02	445.49
00440* BICARBONATE ION (MG/L AS HCO3)	6	480.00	285.00	386.21	1.20	465.24	320.60	340.55	386.21	437.98	480.43	524.76
00445* CARBONATE ION (MG/L AS CO3)	6	115.00	43.00	62.16	1.43	88.80	43.51	48.85	62.16	79.10	99.24	111.83
00540* DISSOLVED SOLIDS (ROE AT 178 DEG C, M	6	1150.00	755.00	873.86	1.18	1029.78	741.55	782.11	873.86	976.39	1079.81	1145.13
00608 NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.20	0.20									
00613* NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.19	0.51	0.92
00681* CARBON, ORGANIC, DISS (MG/L AS C)	6	15.00	6.00	9.12	1.35	12.32	6.75	7.45	9.12	11.17	13.41	14.96
00720* CYANIDE (MG/L AS CN)	6	<0.01	<0.01	<0.01	1.00							
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	1.00	<0.10	0.40	7.10	155.86	0.00	0.11	0.40	1.50	4.94	10.06
00900* HARDNESS, TOTAL (MG/L AS CACO3)	5	405.00	305.00	364.88	1.13	419.65	317.25	336.12	364.88	396.10	426.46	445.71
00915* CALCIUM, DISSOLVED (MG/L AS CA)	6	65.00	9.80	23.65	2.25	53.20	10.52	13.68	23.65	40.90	56.93	59.85
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	6	79.00	40.00	66.56	1.29	85.37	51.59	56.04	66.56	79.00	92.30	101.25

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	6	210.00	160.00	188.40	1.10	208.16	170.52	176.12	188.40	201.53	214.12	222.02
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	3.00	1.20	1.90	1.91	13.62	0.26	1.23	1.90	2.94	4.35	5.51
C0940*	CHLORIDE, DISSOLVED (MG/L AS CL)	6	35.00	2.70	9.03	2.35	21.16	3.85	5.08	9.03	16.05	26.93	36.69
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	6	340.00	265.00	288.07	1.10	316.47	262.22	270.33	288.07	306.96	325.01	336.31
C0950*	FLUORIDE, TOTAL (MG/L AS F)	6	0.80	0.40	0.47	1.32	0.62	0.35	0.39	0.47	0.56	0.67	0.74
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	6	14.00	5.30	10.35	1.44	14.91	7.18	8.08	10.35	13.25	16.54	18.89
C1000*	ARSENIC, DISSOLVED (UG/L AS AS)	6	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	6	700.00	<10.00	116.65	4.17	485.45	28.03	44.51	116.65	305.71	727.07	1220.64
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	6	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	6	20.00	<10.00	11.22	1.33	14.89	8.46	9.27	11.22	13.59	16.13	17.88
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	<100.00	<10.00	<68.13	2.56							
01046*	IRON, DISSOLVED (UG/L AS FE)	6	3499.99	<50.00	752.99	6.93	5211.54	108.79	203.75	752.99	2782.82	9015.55	18209.09
01049*	LEAD, DISSOLVED (UG/L AS PB)	6	300.00	40.00	109.03	2.06	224.36	52.98	66.96	109.03	177.55	275.26	357.79
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	6	90.00	<50.00	61.98	1.25	77.43	49.61	53.33	61.98	72.04	82.47	89.42
C1060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	4	30.00	20.00	22.13	1.22	29.33	16.71	19.30	22.13	25.38	28.70	30.89

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	4	30.00	<10.00	13.16	1.73	28.21	6.14	9.08	13.16	19.07	26.61	32.49
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	3499.99	3499.99									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	6	6799.98	<100.00	1125.66	4.24	4770.84	265.60	424.25	1125.66	2986.68	7182.36	12138.92
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	6	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	5	5.80	1.00	2.39	2.06	5.47	1.04	1.46	2.39	3.88	6.02	7.82
03501	GROSS BETA, DISSOLVED (PC/L)	1	4.00	4.00									
32730*	PHENOLS (UG/L)	2	15.00	<1.00	3.87	6.79	1313.42	0.01	1.06	3.87	14.11	45.10	90.38
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	6	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	5	0.20	<0.10	0.15	1.46	0.23	0.10	0.12	0.15	0.20	0.25	0.28
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	5	0.40	0.10	0.20	2.00	0.44	0.09	0.13	0.20	0.32	0.49	0.63
71870*	BROMIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	6	<10.00	1.00	3.55	3.20	11.34	1.11	1.62	3.55	7.78	15.75	24.03

END OF CORE-HOLE G-S 2-3 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 04/29/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "<9999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	107.45	107.45									
00011#	TEMPERATURE, WATER (DEG. F)	1	58.10	58.10									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	10.00	10.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	1.00	1.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	5.00	5.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	20.00	20.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	5.00	5.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

END OF CORE-HOLE G-S 2-3 AQUIFER U METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/12/75 THRU 7/12/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	1	107.45	107.45									
00011#	TEMPERATURE, WATER (DEG. F)	1	58.10	58.10									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1302.00	1302.00									
C0400=	PH (STANDARD UNITS)	1	7.40	7.40									
C0410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	379.00	379.00									
00440	BICARBONATE ION (MG/L AS HCO3)	1	415.00	415.00									
00445	CARBONATE ION (MG/L AS CO3)	1	48.00	48.00									
C0540	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	1	770.00	770.00									
C0681	CARBON, ORGANIC, DISS (MG/L AS C)	1	8.00	8.00									
C0720	CYANIDE (MG/L AS CN)	1	<0.01	<0.01									
C0900	HARDNESS, TOTAL (MG/L AS CACO3)	1	370.00	370.00									
C0915	CALCIUM, DISSOLVED (MG/L AS CA)	1	21.00	21.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	77.00	77.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	1	150.00	150.00									
C0940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	6.90	6.90									
C0945	SULFATE, DISSOLVED (MG/L AS SO4)	1	250.00	250.00									
C0950	FLUORIDE, TOTAL (MG/L AS F)	1	0.40	0.40									

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	13.00	13.00									
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	<100.00	<100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	<10.00	<10.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	<100.00	<100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	3099.99	3099.99									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	100.00	100.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	50.00	50.00									
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	10.00	10.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	<10.00	<10.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	800.00	800.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.20	0.20									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.40	0.40									

H2OWASA-2

CORE-HOLE G-S 2-3 AQUIFER U METHOD 3A — WET SAMPLES — REPORT DATE 03/10/77 —

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<2.00	<2.00									

END OF CORE-HOLE G-S 2-3 AQUIFER U METHOD 3A WET SAMPLES REPORTING PERIOD IS 7/12/75 THRU 7/12/75

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0002#	SAMPLE DEPTH, FEET	2	1663.00	1275.00	1469.00	274.36	2303.78	634.22	1283.81	1469.00	1654.19	1920.73	1920.32
C0011#	TEMPERATURE, WATER (DEG. F)	2	46.22	44.96	45.59	0.89	48.30	42.88	44.99	45.59	46.19	46.73	47.06
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	1.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	0.50	0.10	0.22	3.12	7.13	0.01	0.10	0.22	0.48	0.96	1.45
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05
01006*	ALUMINIUM (UG/L)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	961.84	1453.84
01020*	BORON, DISSOLVED (UG/L AS B)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01046*	IRON, DISSOLVED (UG/L AS FE)	2	50.00	10.00	22.36	3.12	713.33	0.70	10.37	22.36	48.21	96.19	145.39
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84

END OF CORE-HOLE G-S 4-5 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 08/28/74 THRU 09/01/74

* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003* SAMPLE DEPTH, FEET	2	1663.00	1275.00	1469.00	274.36	2303.78	634.22	1283.81	1469.00	1654.19	1820.73	1920.32
00011* TEMPERATURE, WATER (DEG. F)	2	46.22	44.96	45.59	0.89	48.30	42.88	44.99	45.59	46.19	46.73	47.06
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3149.99	2049.99	2541.15	1.35	6402.21	1008.63	2070.16	2541.15	3119.29	3750.71	4197.83
00400* PH (STANDARD UNITS)	2	7.60	7.00	7.30	0.42	8.59	6.01	7.01	7.30	7.59	7.84	8.00
00440* BICARBONATE ION (MG/L AS HCO3)	2	2090.00	1310.00	1654.66	1.39	4521.12	605.58	1323.93	1654.66	2068.00	2527.19	2849.17
00445* CARBONATE ION (MG/L AS CO3)	2	125.00	33.00	64.23	2.56	1127.52	3.66	34.01	64.23	121.28	214.80	302.34
00540* DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	2249.99	1590.00	1891.42	1.28	3992.07	896.15	1602.58	1891.42	2232.32	2591.04	2832.55
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	4.40	1.20	2.30	2.51	37.61	0.14	1.24	2.30	4.27	7.46	10.42
00900* HARDNESS, TOTAL (MG/L AS CACO3)	2	140.00	54.00	86.95	1.96	675.16	11.20	55.18	86.95	137.00	206.21	263.34
00915* CALCIUM, DISSOLVED (MG/L AS CA)	2	26.00	19.00	22.23	1.25	43.64	11.32	19.14	22.23	25.82	28.53	32.01
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	2	23.00	0.70	4.01	11.81	7352.60	0.00	0.76	4.01	21.25	95.12	233.10
00930* SODIUM, DISSOLVED (MG/L AS NA)	2	955.00	485.00	680.57	1.61	2923.32	158.44	492.54	680.57	940.37	1257.71	1496.58
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	<1.00	<1.00	<1.00	1.00							
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	2	50.00	27.00	36.74	1.55	138.33	9.76	27.38	36.74	49.31	64.23	75.24
00945* SULFATE, DISSOLVED (MG/L AS SO4)	2	235.00	105.00	157.08	1.77	889.02	27.76	106.94	157.08	230.74	326.06	400.97
00950* FLUORIDE, TOTAL (MG/L AS F)	2	24.00	16.00	19.60	1.33	46.88	8.19	16.15	19.60	23.78	28.30	31.40
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	17.00	9.40	12.64	1.52	45.23	3.53	9.53	12.64	16.77	21.63	25.18

CORE-HOLE G-S 4-5 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	20.00	<10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	31.67
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<10.00	<31.62	5.09							
01046*	IRON, DISSOLVED (UG/L AS FE)	2	<50.00	<50.00	<50.00	1.00							
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	<50.00	<50.00	<50.00	1.00							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	<500.00	<500.00	<500.00	1.00							
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	<50.00	<50.00	<50.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00							
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	1.40	1.10	1.24	1.19	2.08	0.74	1.11	1.24	1.39	1.54	1.64
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 4-5 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 08/28/74 THRU 09/01/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	4	165.20	96.39	115.39	33.33	161.66	69.12	92.89	115.39	137.89	158.12	170.23
00011*	TEMPERATURE, WATER (DEG. F)	4	62.60	56.80	58.87	2.58	62.45	55.30	57.13	58.87	60.62	62.18	63.12
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	5.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	1.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	2.00	0.01	0.13	14.25	16.60	0.00	0.02	0.13	0.76	5.50	9.96
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	2.00	2.71	1.70	7.17	1.03	1.90	2.71	3.88	5.35	6.48
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01006*	ALUMINIUM (UG/L)	3	100.00	1.00	10.00	10.00	687.27	0.15	2.11	10.00	47.31	191.42	441.57
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	271.44	1.70	717.37	102.71	189.93	271.44	387.93	534.82	648.04
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	2.00	1.00	1.26	1.49	2.63	0.60	0.96	1.26	1.65	2.10	2.43
01046*	IRON, DISSOLVED (UG/L AS FE)	3	50.00	10.00	21.54	2.24	94.94	4.89	12.49	21.54	37.15	60.65	81.30
01049	LEAD, DISSOLVED (UG/L AS PB)	1	20.00	20.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	20.00	1.00	4.47	8.32	2816.29	0.01	1.07	4.47	18.68	67.59	145.83

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C1150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

END OF CORE-HOLE G-S 4-5 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/14/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CCKE-HOLE G-S 4-5 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	165.20	96.39	115.39	33.33	161.66	69.12	92.89	115.39	137.89	158.12	170.23
00011#	TEMPERATURE, WATER (DEG. F)	4	62.60	56.80	58.87	2.58	62.45	55.30	57.13	58.87	60.62	62.18	63.12
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	2549.99	1420.00	2046.34	1.29	2910.26	1438.88	1724.23	2046.34	2428.63	2833.03	3106.36
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	4	35.00	18.80	25.65	1.55	97.68	6.74	19.07	25.65	34.51	45.06	52.85
00400#	PH (STANDARD UNITS)	4	8.00	7.00	7.40	0.43	8.00	6.80	7.11	7.40	7.69	7.95	8.11
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	1380.00	474.00	803.28	1.81	1823.33	353.89	539.18	803.28	1196.72	1712.68	2122.18
00440*	BICARBONATE ION (MG/L AS HCO3)	4	1689.99	515.00	912.21	1.93	2266.81	367.09	585.93	912.21	1420.18	2114.58	2682.95
00445*	CARBONATE ION (MG/L AS CO3)	4	81.00	<0.10	13.07	25.83	1191.89	0.14	1.46	13.07	117.32	844.40	2748.87
00540*	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	4	1689.99	770.00	1146.12	1.50	2012.17	652.82	871.68	1146.12	1506.96	1927.51	2263.18
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.20	1.20									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.10	<0.02	0.04	3.12	1.43	0.00	0.02	0.04	0.10	0.19	0.29
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	16.00	11.00	12.87	1.17	16.08	10.31	11.55	12.87	14.34	15.81	16.75
00720*	CYANIDE (MG/L AS CN)	4	0.02	<0.01	0.01	1.41	0.02	0.01	0.01	0.01	0.02	0.02	0.02
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	<0.10	0.40	7.10	155.86	0.00	0.11	0.40	1.50	4.94	10.06
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	3	96.00	44.00	69.65	1.50	147.42	32.91	52.88	69.65	91.74	117.53	136.30
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	11.00	6.50	8.33	1.24	11.23	6.17	7.20	8.33	9.63	10.98	11.87
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	18.00	6.80	13.01	1.58	24.60	6.88	9.54	13.01	17.73	23.43	27.68

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	675.00	290.00	456.11	1.56	844.30	246.40	338.08	456.11	615.35	805.52	946.27
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	6.50	1.60	3.22	2.69	65.82	0.16	1.65	3.22	6.30	11.49	16.47
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	18.00	8.20	11.41	1.48	19.74	6.59	8.74	11.41	14.89	19.93	21.85
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	240.00	80.00	131.13	1.59	249.54	68.91	95.90	131.13	179.31	237.57	281.11
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	17.00	3.40	10.50	2.13	29.97	3.68	6.30	10.50	17.48	27.66	36.39
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	11.00	1.30	3.92	2.61	14.83	1.04	2.05	3.92	7.49	13.39	18.97
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<100.00	<316.23	5.09							
01020*	BORON, DISSOLVED (UG/L AS B)	4	800.00	<100.00	400.00	2.67	1559.39	102.61	206.40	400.00	775.20	1405.46	2006.10
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	20.00	<10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	18.54	21.03
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	40.00	<10.00	14.14	2.00	37.01	5.40	8.86	14.14	22.58	34.39	44.23
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01046*	IRON, DISSOLVED (UG/L AS FE)	4	5799.98	<50.00	513.63	11.48	15207.88	17.35	98.87	513.63	2668.20	11740.82	28478.34
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	900.00	40.00	215.58	3.63	1292.37	35.96	90.23	215.58	515.05	1127.17	1800.52
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	200.00	<50.00	84.09	1.94	211.24	33.47	53.73	84.09	131.61	196.89	250.53
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	700.00	700.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	600.00	<100.00	205.98	2.41	699.69	60.64	113.64	205.98	373.33	637.30	877.48
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	800.00	800.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	2.00	1.50	1.69	1.16	2.23	1.28	1.52	1.69	1.87	2.05	2.16
03501	GROSS BETA, DISSOLVED (PC/L)	1	26.00	26.00									
32730*	PHENOLS (UG/L)	2	6.00	<1.00	2.45	3.55	115.68	0.05	1.04	2.45	5.76	12.43	19.69
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.90	0.60	0.72	1.23	1.05	0.50	0.63	0.72	0.83	0.94	1.01
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.20	<0.10	0.16	1.49	0.33	0.08	0.12	0.16	0.21	0.27	0.31
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE G-S 4-5 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/14/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	82.73	82.13	82.43	0.42	83.71	81.15	82.15	82.43	82.71	82.97	83.12
00011#	TEMPERATURE, WATER (DEG. F)	1	52.70	52.70									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	5.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	2.00	0.10	0.45	8.32	281.63	0.00	0.11	0.45	1.87	6.76	14.58
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	5.01	5.01
01006*	ALUMINIUM (UG/L)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
01020*	BORON, DISSOLVED (UG/L AS B)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.55	158.36
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	50.00	50.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	1.00	1.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									
09503*	RADIUM (UG/L)	2	500.00	100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	861.84	1453.84

END OF CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/22/75 THRU 03/31/75

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003*	SAMPLE DEPTH, FEET	2	82.73	82.13	82.43	0.42	83.71	81.15	82.15	82.43	82.71	82.97	83.12
00011*	TEMPERATURE, WATER (DEG. F)	1	52.70	52.70									
C0095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	3949.99	1240.00	2213.14	2.27	26764.84	183.00	1273.06	2213.14	3847.39	6326.02	8516.92
C0400*	PH (STANDARD UNITS)	2	8.30	7.60	7.95	0.49	9.46	6.44	7.62	7.95	8.28	8.58	8.76
C0410*	ALKALINITY, TOTAL (MG/L AS CACO3)	2	2079.99	410.00	923.47	3.15	30395.54	28.06	425.40	923.47	2004.68	4024.91	6106.39
C0440*	BICARBONATE ION (MG/L AS HCO3)	2	2364.99	480.00	1065.45	3.09	32931.36	34.47	497.70	1065.45	2280.86	4522.31	6809.75
00445*	CARBONATE ION (MG/L AS CO3)	2	170.00	24.00	63.87	3.99	4311.35	0.95	25.09	63.87	162.61	376.77	622.75
C0540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	2539.99	730.00	1361.69	2.41	19912.48	93.12	750.96	1361.69	2469.08	4216.55	5806.98
C0720*	CYANIDE (MG/L AS CN)	2	<0.01	<0.01	<0.01	1.00							
C0900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	330.00	24.00	88.99	6.38	25026.95	0.32	25.47	88.99	310.93	957.72	1876.79
C0915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	26.00	3.30	9.26	4.30	786.09	0.11	3.46	9.26	24.81	60.17	102.21
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	94.00	3.80	18.90	9.67	18803.37	0.02	4.09	18.90	87.40	346.37	789.19
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	2	1100.00	110.00	347.85	5.09	49304.98	2.45	115.90	347.85	1043.97	2804.80	5065.02
C0940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	49.00	6.90	18.39	4.00	1247.94	0.27	7.21	18.39	46.87	108.71	179.80
C0945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	225.00	<4.00	30.00	17.28	174787.19	0.01	4.38	30.00	205.33	1157.78	3257.21
C0950*	FLUORIDE, TOTAL (MG/L AS F)	2	50.00	2.40	10.95	8.56	7531.79	0.02	2.57	10.95	46.67	171.81	374.59
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	12.00	6.50	8.83	1.54	33.03	2.36	6.59	8.83	11.83	15.40	18.02

CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A

WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01005* BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020* BORON, DISSOLVED (UG/L AS B)	2	2099.99	2000.00	2049.39	1.03	2274.48	1846.57	2002.55	2049.39	2097.32	2141.37	2168.16
01025* CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00							
01040* COPPER, DISSOLVED (UG/L AS CU)	2	<10.00	<10.00	<10.00	1.00							
01046* IRON, DISSOLVED (UG/L AS FE)	2	<50.00	<50.00	<50.00	1.00							
01049* LEAD, DISSOLVED (UG/L AS PB)	2	160.00	40.00	80.00	2.67	1579.13	4.05	41.28	80.00	155.04	281.10	401.23
01055* MANGANESE, DISSOLVED (UG/L AS MN)	2	<50.00	<50.00	<50.00	1.00							
01065* NICKEL, DISSOLVED (UG/L AS NI)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05
01075* SILVER, DISSOLVED (UG/L AS AG)	2	100.00	<10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	254.98	460.46
01090* ZINC, DISSOLVED (UG/L AS ZN)	2	1899.99	340.00	803.74	3.38	32573.41	19.83	353.55	803.74	1827.19	3924.03	5947.45
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	2	<100.00	80.00	89.44	1.17	144.55	55.34	80.41	89.44	99.49	109.49	115.95
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503 GROSS ALPHA, DISSOLVED (PC/L)	1	15.00	15.00									
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	0.43	<0.10	0.21	2.80	4.78	0.01	0.10	0.21	0.42	0.78	1.13
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	0.70	0.30	0.46	1.82	2.84	0.07	0.31	0.46	0.69	0.99	1.23

H20QASA-2 CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.19	<0.10	0.14	1.57	0.55	0.03	0.10	0.14	0.19	0.25	0.29
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 4-5 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/22/75 THRU 03/31/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "9999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	2	618.00	202.00	410.00	294.16	1305.02	-485.02	211.44	410.00	608.56	787.11	893.89
C0011#	TEMPERATURE, WATER (DEG. F)	2	44.42	42.44	43.43	1.40	47.69	39.17	42.49	43.43	44.37	45.22	45.73
C0915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
C0925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
C0935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	30.00	15.00	21.21	1.63	94.25	4.77	15.24	21.21	29.53	39.76	47.51
C1006*	ALUMINIUM (UG/L)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1040*	COPPER, DISSOLVED (UG/L AS CU)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
C1046*	IRON, DISSOLVED (UG/L AS FE)	2	50.00	50.00	50.00	1.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
C1060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
C1150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 4-5 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 08/17/74 THRU 08/22/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

COPE-HOLE G-S 4-5 AQUIFER U METHOD 1

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	618.00	202.00	410.00	294.16	1305.02	-485.02	211.44	410.00	608.56	787.11	893.89
00011#	TEMPERATURE, WATER (DEG. F)	2	44.42	42.44	43.43	1.40	47.69	39.17	42.49	43.43	44.37	45.22	45.73
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1240.00	1230.00	1234.99	1.00	1234.99	1234.99	1234.99	1234.99	1234.99	1234.99	1234.99
00400#	PH (STANDARD UNITS)	2	7.00	6.60	6.80	0.28	7.66	5.94	6.61	6.80	6.99	7.16	7.27
00440*	BICARBONATE ION (MG/L AS HCO3)	2	450.00	355.00	399.69	1.18	665.70	239.97	356.92	399.69	447.58	496.53	526.63
00445*	CARBONATE ION (MG/L AS CO3)	2	<0.10	<0.10	<0.10	1.00							
00540*	DISSOLVED SOLIDS (RCE AT 178 DEG C, M	2	1390.00	620.00	928.33	1.77	5272.10	163.46	631.49	928.33	1364.69	1929.79	2374.09
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	330.00	190.00	250.40	1.48	821.21	76.35	192.40	250.40	325.88	413.02	475.89
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	34.00	14.00	21.82	1.87	147.19	3.23	14.28	21.82	33.32	49.77	61.24
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	72.00	25.00	42.43	2.11	413.06	4.36	25.61	42.43	70.29	110.88	145.21
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	310.00	245.00	275.59	1.18	457.32	166.07	246.30	275.59	308.36	341.15	362.40
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	<1.00	<0.10	<0.32	5.09							
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	35.00	32.00	33.47	1.07	40.58	27.60	32.07	33.47	34.93	36.30	37.14
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	460.00	410.00	434.28	1.08	555.99	339.21	411.12	434.28	458.75	481.92	496.34
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	0.80	0.20	0.40	2.67	7.90	0.02	0.21	0.40	0.78	1.41	2.01
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	35.00	21.00	27.11	1.44	81.37	9.03	21.24	27.11	34.60	43.09	49.11
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	200.00	<10.00	44.72	8.32	28163.09	0.07	10.70	44.72	186.85	675.94	1458.34

CORE-HOLE G-S 4-5 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	10.60	<0.10	1.03	27.05	23447.32	0.00	0.11	1.03	9.54	70.57	233.60
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

CORE-HOLE G-S 4-5 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

END OF CORE-HOLE G-S 4-5 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 08/17/74 THRU 08/22/74

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER U METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	75.61	75.61									
00011#	TEMPERATURE, WATER (DEG. F)	1	63.50	63.50									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.50	0.50									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	10.00	10.00									
01006	ALUMINIUM (UG/L)	1	10.00	10.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	20.00	20.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	50.00	50.00									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	20.00	20.00									
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	10.00	10.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	10.00	10.00									

END OF CORE-HOLE G-S 4-5 AQUIFER U METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/30/75 THRU 04/30/75

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* -- ESTIMATE USING METHOD OF MOMENTS

-- NO LOG TRANSFORM

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER U METHOD 2

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	75.61	75.61									
00011#	TEMPERATURE, WATER (DEG. F)	1	63.50	63.50									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1320.00	1320.00									
00400#	PH (STANDARD UNITS)	1	6.60	6.60									
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	375.00	375.00									
00440	BICARBONATE ION (MG/L AS HCO3)	1	460.00	460.00									
00445	CARBONATE ION (MG/L AS CO3)	1	<0.10	<0.10									
00540	DISSOLVED SOLIDS (ROE AT 178 DEG C, M	1	860.00	860.00									
00681	CARBON, ORGANIC, DISS (MG/L AS C)	1	3.00	3.00									
00720	CYANIDE (MG/L AS CN)	1	<0.01	<0.01									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	130.00	130.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	16.00	16.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	23.00	23.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	270.00	270.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	7.10	7.10									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	295.00	295.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	3.20	3.20									

CORE-HOLE G-S 4-5 AQUIFER U METHOD 2 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	19.00	19.00									
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									
01005	BARIUM, DISSOLVED (UG/L AS BA)	1	<1000.00	<1000.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	2099.99	2099.99									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	20.00	20.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	<10.00	<10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	150.00	150.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	4999.99	4999.99									
01049	LEAD, DISSOLVED (UG/L AS PB)	1	1799.99	1799.99									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	60.00	60.00									
01065	NICKEL, DISSOLVED (UG/L AS NI)	1	60.00	60.00									
01075	SILVER, DISSOLVED (UG/L AS AG)	1	20.00	20.00									
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	860.00	860.00									
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
70507	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.29	0.29									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.20	0.20									

H20QASA-2 CORE-HOLE G-S 4-5 AQUIFER U METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

END OF CORE-HOLE G-S 4-5 AQUIFER U METHOD 2 WET SAMPLES REPORTING PERIOD IS 04/30/75 THRU 04/30/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 4-5 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003*	SAMPLE DEPTH, FEET	6	75.70	33.59	67.95	16.85	84.78	51.12	56.58	67.95	79.32	85.55	95.66
C0011*	TEMPERATURE, WATER (DEG. F)	5	58.10	52.70	55.50	2.36	58.22	52.78	53.91	55.50	57.09	58.53	59.39
C0915	CALCIUM, DISSOLVED (MG/L AS CA)	5	99999.00	2.00									
C0925	MAGNESIUM, DISSOLVED (MG/L AS MG)	5	99999.00	1.00									
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	5	99999.00	2.00	5.85	2.53	32.24	1.06	3.12	5.85	10.95	19.25	26.97
C0935*	POTASSIUM, DISSOLVED (MG/L AS K)	5	2.00	0.01	0.29	8.98	3.60	0.02	0.07	0.29	1.27	4.81	10.67
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	5	10.00	5.00	5.74	1.36	8.20	4.02	4.66	5.74	7.08	8.55	9.56
C1006*	ALUMINIUM (UG/L)	5	100.00	1.00	10.00	5.09	65.02	1.54	3.33	10.00	30.01	80.63	145.61
C1020*	BORON, DISSOLVED (UG/L AS B)	5	500.00	200.00	346.57	1.65	617.13	194.63	246.99	346.57	486.30	659.47	791.23
C1040*	COPPER, DISSOLVED (UG/L AS CU)	4	10.00	5.00	8.41	1.41	13.60	5.20	6.65	8.41	10.63	13.11	14.87
C1046*	IRON, DISSOLVED (UG/L AS FE)	5	100.00	20.00	38.07	2.41	104.91	13.82	21.00	38.07	69.03	117.87	162.33
C1049*	LEAD, DISSOLVED (UG/L AS PB)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
C1056*	MANGANESE, DISSOLVED (UG/L AS MN)	3	100.00	1.00	7.94	10.35	581.19	0.11	1.64	7.94	38.44	158.81	370.95
C1060*	MOLYBDENUM, DISS (UG/L AS MO)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
C1075	SILVER, DISSOLVED (UG/L AS AG)	1	<1.00	<1.00									
C1080*	STRONTIUM, DISSOLVED (UG/L AS SR)	4	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
C1090*	ZINC, DISSOLVED (UG/L AS ZN)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05

CORE-HOLE G-S 4-5 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C113C*	LITHIUM, DISSOLVED (UG/L AS LI)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
09503	RADIUM (UG/L)	1	100.00	100.00									

END OF CORE-HOLE G-S 4-5 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/14/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE C-S 4-5 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	6	75.70	33.59	67.95	16.85	84.78	51.12	56.58	67.95	79.32	89.35	95.66
00011#	TEMPERATURE, WATER (DEG. F)	5	58.10	52.70	55.50	2.36	58.22	52.78	53.91	55.50	57.09	58.53	59.39
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	6	1480.00	1070.00	1275.19	1.12	1433.76	1134.17	1178.11	1275.19	1380.28	1482.16	1546.65
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	16.80	10.00	12.96	1.44	39.57	4.25	10.12	12.96	16.60	20.74	23.70
00400#	PH (STANDARD UNITS)	6	8.10	6.80	7.23	0.47	7.70	6.77	6.92	7.23	7.55	7.83	8.00
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	6	495.00	310.00	368.82	1.21	445.43	305.39	324.66	368.82	418.98	469.89	503.24
00440*	BICARBONATE ION (MG/L AS HCO3)	6	605.00	315.00	420.28	1.29	540.12	327.02	354.74	420.28	497.91	579.91	635.26
00445*	CARBONATE ION (MG/L AS CO3)	6	60.00	<0.10	4.76	20.47	97.20	0.23	0.62	4.76	36.55	228.44	683.52
00540*	DISSOLVED SOLIDS (RDE AT 180 DEG C, M	6	980.00	710.00	851.72	1.13	958.85	756.56	786.19	851.72	922.71	991.58	1035.20
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.60	0.60									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.10	<0.02	0.04	3.12	1.43	0.00	0.02	0.04	0.10	0.19	0.29
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	4	18.00	6.60	9.62	1.55	17.64	5.24	7.16	9.62	12.92	16.84	19.74
00720*	CYANIDE (MG/L AS CN)	6	<0.01	<0.01	<0.01	1.00							
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.30	<0.10	0.36	6.13	89.87	0.00	0.11	0.36	1.23	3.69	7.12
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	5	440.00	96.00	165.34	1.78	320.88	85.19	112.02	165.34	244.02	346.30	426.94
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	6	28.00	11.00	17.32	1.35	23.44	12.79	14.11	17.32	21.25	25.54	28.51
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	90.00	17.00	28.97	1.79	51.72	16.22	19.58	28.97	42.85	60.94	75.23

CORE-HOLE G-S 4-5 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	6	340.00	190.00	255.43	1.21	307.93	211.88	225.12	255.43	289.82	324.67	347.49
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	3.50	<1.00	1.87	2.43	27.71	0.13	1.03	1.87	3.40	5.82	8.03
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	6	14.00	<1.00	5.10	3.14	16.00	1.62	2.35	5.10	11.04	22.13	33.54
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	6	320.00	255.00	284.75	1.10	313.23	258.87	266.99	284.75	303.69	321.80	333.14
00950*	FLUORIDE, TOTAL (MG/L AS F)	6	60.00	0.48	2.78	5.00	13.88	0.56	0.94	2.78	8.24	21.89	39.27
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	6	24.00	6.40	14.67	1.60	23.48	9.16	10.67	14.67	20.16	26.83	31.83
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	6	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	6	1200.00	100.00	269.60	2.87	772.92	94.04	132.33	269.60	549.27	1041.65	1527.33
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	6	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	6	30.00	<10.00	12.01	1.57	18.80	7.67	8.87	12.01	16.26	21.34	25.12
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	<100.00	<10.00	<46.42	3.28							
01046*	IRON, DISSOLVED (UG/L AS FE)	6	9399.96	<50.00	545.00	9.62	5229.02	56.80	118.26	545.00	2511.52	9922.74	22566.84
01049*	LEAD, DISSOLVED (UG/L AS PB)	6	680.00	10.00	73.92	3.98	293.58	18.61	29.11	73.92	187.71	433.92	716.23
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	6	520.00	<50.00	135.46	2.45	331.75	55.31	73.95	135.46	248.11	427.59	592.08
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	100.00	100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	4	30.00	<10.00	15.65	1.72	33.26	7.36	10.85	15.65	22.58	31.40	38.24

CORE-HOLE G-S 4-5 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	4	80.00	<10.00	16.82	2.83	71.21	3.97	8.34	16.82	33.93	63.78	93.02
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	3299.99	3299.99									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	6	1400.00	100.00	215.73	2.64	569.66	81.70	111.94	215.73	415.77	750.04	1067.39
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	3	590.00	<100.00	260.61	2.45	1351.17	50.27	142.36	260.61	477.08	821.75	1137.53
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	6	<10.00	<10.00	<10.00	1.00							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	3	5.80	0.80	2.79	2.97	20.62	0.38	1.34	2.79	5.82	11.27	16.73
03501	GROSS BETA, DISSOLVED (PC/L)	1	23.00	23.00									
32730*	PHENOLS (UG/L)	2	35.00	<1.00	5.92	12.35	12419.21	0.00	1.08	5.92	32.29	148.51	369.89
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	6	<0.10	0.09	0.10	1.04	0.10	0.09	0.10	0.10	0.10	0.10	0.11
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	5	1.80	0.20	0.54	2.19	1.32	0.22	0.32	0.54	0.91	1.47	1.95
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	5	0.20	<0.10	0.14	1.42	0.21	0.10	0.11	0.14	0.18	0.22	0.25
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	6	<10.00	<1.00	<2.71	2.88							

END OF CORE-HOLE G-S 4-5 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/14/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 6 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1781.00	1781.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	46.58	46.58									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	10.00	10.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	15.00	15.00									
01006	ALUMINIUM (UG/L)	1	100.00	100.00									
01020	BORON, DISSOLVED (UG/L AS B)	1	500.00	500.00									
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	100.00	100.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 6 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/23/74 THRU 07/23/74

CORE-HOLE G-S 6 , AQUIFER C METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 6 AQUIFER C METHOD 1

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	1	1781.00	1781.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	46.58	46.58									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	4399.99	4399.99									
00400#	PH (STANDARD UNITS)	1	7.80	7.80									
00440	BICARBONATE ION (MG/L AS HCO3)	1	2529.99	2529.99									
00445	CARBONATE ION (MG/L AS CO3)	1	220.00	220.00									
C0540	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	1	5039.99	5039.99									
CC900	HARDNESS, TOTAL (MG/L AS CACO3)	1	62.00	62.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	11.00	11.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	8.60	8.60									
C0930	SODIUM, DISSOLVED (MG/L AS NA)	1	1430.00	1430.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	<1.00	<1.00									
C0940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	380.00	380.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	130.00	130.00									
C0950	FLUORIDE, TOTAL (MG/L AS F)	1	45.00	45.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	10.00	10.00									
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	<10.00	<10.00									

CORE-HOLE G-S 6 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00									
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10									
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	2.20	2.20									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	2.00	2.00									
71890	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00									

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CORE-HOLE G-S 6 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

END OF CORE-HOLE G-S 6 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 07/23/74 THRU 07/23/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 6 AQUIFER L METHOD 3

SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0003#	SAMPLE DEPTH, FEET	8	56.19	28.05	44.44	8.10	51.04	37.83	38.97	44.44	49.91	54.82	57.76
C0011#	TEMPERATURE, WATER (DEG. F)	8	60.80	46.90	52.84	5.01	56.92	48.75	49.45	52.84	56.22	59.26	61.08
C0915*	CALCIUM, DISSOLVED (MG/L AS CA)	7	99999.00	1.00	3.98	2.66	15.42	1.03	2.06	3.98	7.69	13.91	19.82
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	7	99999.00	0.50	1.78	3.61	10.55	0.30	0.75	1.78	4.23	9.21	14.67
C0930*	SODIUM, DISSOLVED (MG/L AS NA)	7	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
C0935*	POTASSIUM, DISSOLVED (MG/L AS K)	7	1.00	0.01	0.24	6.63	1.32	0.04	0.07	0.24	0.87	2.75	5.46
C0955*	SILICA, DISSOLVED (MG/L AS SIO2)	7	10.00	2.00	4.25	1.77	7.10	2.54	2.88	4.25	6.26	8.86	10.92
01006*	ALUMINIUM (UG/L)	7	100.00	10.00	26.83	3.42	80.61	8.93	11.69	26.83	61.57	129.97	203.17
01020*	BORON, DISSOLVED (UG/L AS B)	7	500.00	100.00	213.17	1.93	384.43	118.20	136.56	213.17	332.74	496.51	630.97
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	1.47	2.56	3.75	0.57	0.78	1.47	2.77	4.90	6.89
01046*	IRON, DISSOLVED (UG/L AS FE)	6	100.00	10.00	31.62	2.91	92.07	10.86	15.36	31.62	65.10	124.62	183.75
01049*	LEAD, DISSOLVED (UG/L AS PB)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	10.00	1.00	2.66	3.20	13.38	0.53	1.21	2.66	5.83	11.83	18.05
01060*	MOLYBDENUM, DISS (UG/L AS MO)	3	50.00	1.00	10.00	7.74	428.99	0.23	2.51	10.00	39.79	137.77	289.55
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	5	100.00	1.00	13.80	11.16	221.03	0.86	2.71	13.80	70.31	304.06	729.94
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	6	100.00	1.00	6.81	5.66	38.49	1.21	2.11	6.81	21.95	62.86	117.93
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

CORE-HOLE G-S 6 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C9503* RADIUM (LG/L)	2	400.00	300.00	346.41	1.23	643.27	186.54	301.96	346.41	397.39	448.62	484.08

END OF CORE-HOLE G-S 6 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/13/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 6 AQUIFER L METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY (PERCENT) THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	8	56.19	28.05	44.44	8.10	51.04	37.83	38.97	44.44	49.91	[illegible]	57.76
00011# TEMPERATURE, WATER (DEG. F)	8	60.80	46.90	52.84	5.01	56.92	48.75	49.45	52.84	56.22	[illegible]	61.08
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	8	4299.99	1030.00	2981.44	1.59	4340.46	2047.92	2184.65	2981.44	4066.[illegible]	[illegible]	[illegible]
00340* CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	43.00	7.90	18.43	3.31	705.84	0.48	8.21	18.43	41.[illegible]	[illegible]	[illegible].7
00400# PH (STANDARD UNITS)	8	8.90	7.40	8.17	0.57	8.64	7.71	7.79	8.17	8.[illegible]	[illegible]	8.11
00410* ALKALINITY, TOTAL (MG/L AS CACO3)	8	4499.99	360.00	1766.13	2.07	3200.39	974.64	1079.62	1766.13	2884.19	44[illegible].7[illegible]	[illegible].67
00440* BICARBONATE ION (MG/L AS HCO3)	8	2899.99	1540.00	2158.00	1.33	2726.96	1707.75	1777.92	2158.00	2619.[illegible]	3117.[illegible]	[illegible].[illegible]
00445* CARBONATE ION (MG/L AS CO3)	8	330.00	60.00	198.86	1.77	316.25	125.04	135.43	198.86	291.[illegible]	[illegible].44	[illegible].05
00540* DISSOLVED SOLIDS (RDE AT 178 DEG C, M	8	2829.99	1879.99	2408.59	1.20	2792.40	2077.52	2131.06	2408.59	2722.[illegible]	[illegible]	[illegible]
00608 NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	2.60	2.60									
00613* NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.30	<0.02	0.08	6.79	26.27	0.00	0.02	0.08	0.2[illegible]	[illegible]	1.[illegible]
00681* CARBON, ORGANIC, DISS (MG/L AS C)	7	39.00	9.00	15.49	1.70	24.94	9.62	10.81	15.49	22.1[illegible]	[illegible]	[illegible].21
00720* CYANIDE (MG/L AS CN)	8	0.03	<0.01	0.01	1.54	0.02	0.01	0.01	0.01	0.0[illegible]	[illegible]	0.0[illegible]
00746* SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	0.80	1.13	1.63	5.03	0.25	0.81	1.13	1.58	[illegible].[illegible]	[illegible].53
00900* HARDNESS, TOTAL (MG/L AS CACO3)	7	76.00	32.00	43.52	1.32	55.82	33.93	36.07	43.52	52.52	[illegible].20	[illegible].81
00915* CALCIUM, DISSOLVED (MG/L AS CA)	8	9.00	0.80	3.99	2.44	8.27	1.93	2.18	3.99	7.30	[illegible].[illegible]	17.38
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	8	14.00	3.30	6.78	1.54	9.62	4.78	5.08	6.78	9.0[illegible]	11.75	14.73

CCPE-HOLE G-S 6 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	8	1310.00	700.00	1025.95	1.26	1236.04	851.56	879.30	1025.95	1197.05	1375.15	1494.08
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	4.00	2.60	3.22	1.36	8.15	1.28	2.63	3.22	3.96	4.77	5.32
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	8	70.00	41.00	55.91	1.19	64.38	48.55	49.74	55.91	62.84	68.60	74.32
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	8	100.00	10.00	26.11	2.22	50.03	13.63	15.24	26.11	44.74	72.[illegible]	[illegible]
00950*	FLUORIDE, TOTAL (MG/L AS F)	8	32.00	2.60	19.55	2.30	38.51	9.93	11.15	19.55	34.27	[illegible]	[illegible]
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	8	18.00	5.50	10.67	1.57	15.42	7.39	7.87	10.67	14.47	[illegible]	[illegible]
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	30.00	<10.00	11.47	1.47	15.75	8.36	8.83	11.47	14.91	[illegible]	[illegible]
01005*	BARIUM, DISSOLVED (UG/L AS BA)	6	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	8	5699.97	500.00	2357.17	2.05	4238.86	1310.79	1450.06	2357.17	3881.73	[illegible]	[illegible]
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	20.00	<10.00	11.89	1.38	15.45	9.15	9.58	11.89	14.77	[illegible]	[illegible]
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	30.00	<10.00	11.47	1.47	15.75	8.36	8.83	11.47	14.91	[illegible]	[illegible]
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	200.00	<10.00	72.93	2.49	153.41	34.67	39.40	72.93	134.[illegible]	[illegible]	[illegible]
01046*	IRON, DISSOLVED (UG/L AS FE)	8	14999.96	<50.00	1588.62	5.88	6735.49	374.69	480.42	1588.62	5253.11	[illegible]	[illegible]
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	1000.00	<10.00	154.22	3.60	438.60	54.25	64.91	154.22	366.40	[illegible]	[illegible]
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	8	400.00	<50.00	76.92	2.04	137.42	43.05	47.57	76.92	124.36	[illegible]	[illegible]
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	100.00	100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	50.00	30.00	37.32	1.29	48.02	28.99	31.47	37.32	44.25	51.58	56.54

CORE-HOLE G-S 6 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING THAN OR EQUAL TO VALUE AT TH 25%	50%	75%	90%	
01075* SILVER, DISSOLVED (UG/L AS AG)	6	100.00	<10.00	14.68	2.56	37.54	5.74	7.78	14.68	27.6[illegible]	[illegible]	[illegible]
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	1	1000.00	1000.00									
01090* ZINC, DISSOLVED (UG/L AS ZN)	8	3499.99	<100.00	695.71	3.01	1708.39	283.31	330.68	695.71	1463.63	2837.14	[illegible]
01106* ALUMINUM, DISSOLVED (UG/L AS AL)	2	900.00	<100.00	300.00	4.73	33896.90	2.66	105.12	300.00	855.70	2[illegible]	[illegible]
01130* LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145* SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<10.00	<10.00	1.00							
01503* GROSS ALPHA, DISSOLVED (PC/L)	5	9.10	3.10	4.99	1.58	8.46	2.94	3.66	4.99	6.80	[illegible]	[illegible]
03501* GROSS BETA, DISSOLVED (PC/L)	3	57.00	3.00	14.55	4.41	222.10	0.95	5.34	14.55	39.60	[illegible]	[illegible]
32730* PHENOLS (UG/L)	2	<1.00	<1.00	<1.00	1.00							
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	8	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	7	1.40	0.30	0.78	1.64	1.22	0.50	0.56	0.78	1.09	1.48	1.77
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	7	1.50	<0.10	0.23	3.35	0.67	0.08	0.10	0.23	0.52	1.08	1.37
71870* BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890* MERCURY DISSOLVED (UG/L AS HG)	8	<10.00	<1.00	<3.76	2.94							

END OF CORE-HOLE G-S 6 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/13/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 6 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN. UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	
00003#	SAMPLE DEPTH, FEET	3	992.00	227.00	569.33	388.78	1283.56	-144.90	306.91	569.33	831.76	1067.74	1330.87
00011#	TEMPERATURE, WATER (DEG. F)	3	42.98	42.26	42.56	0.37	43.24	41.88	42.31	42.56	42.81	43.04	43.27
00915	CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	20.00	10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.51	34.87
01006*	ALUMINUM (UG/L)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01020*	BORON, DISSOLVED (UG/L AS B)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
01040	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	50.00	50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	500.00	500.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 6 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/05/74 THRU 07/15/74

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM

H2O'NSA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY THAN OR EQUAL TO VALUE 25%	50%	75

VALUES OF "9999.0" ARE "MAJOR" CONCENTRATIONS

H20QASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
C00034	SAMPLE DEPTH, FEET	3	992.00	227.00	569.33	388.78	1283.56	-144.90	306.91	569.33	831.76	1067.74	1208.67
C00011	TEMPERATURE, WATER (DEG. F)	3	42.98	42.26	42.56	0.37	43.24	41.88	42.31	42.56	42.81	[illegible]	[illegible]
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	1265.00	825.00	1032.77	1.23	1499.55	711.29	900.53	1032.77	1184.41	[illegible]	[illegible]
C04004	PH (STANDARD UNITS)	3	8.40	7.00	7.53	0.76	8.92	6.14	7.02	7.53	8.04	[illegible]	[illegible]
C04[illegible]*	BICARBONATE ION (MG/L AS HCO3)	3	620.00	570.00	592.98	1.04	640.95	548.59	576.27	592.98	610.17	[illegible]	[illegible]
C04[illegible]*	CARBONATE ION (MG/L AS CO3)	3	49.00	17.00	33.71	1.81	100.36	11.33	22.58	33.71	50.[illegible]	[illegible]	[illegible]
C0[illegible]0*	DISSOLVED SOLIDS (RESIDUE AT 175 DEG C, M	3	1120.00	700.00	822.60	1.31	1344.17	503.41	686.80	822.60	938.[illegible]	1154.[illegible]	[illegible]
C0[illegible]*	HARDNESS, TOTAL (MG/L AS CACO3)	3	620.00	150.00	294.63	2.04	1089.86	79.65	182.20	294.63	470.[illegible]	[illegible]	[illegible]
C0[illegible]*	CALCIUM, DISSOLVED (MG/L AS CA)	3	37.00	18.00	24.84	1.44	48.68	12.67	19.39	24.84	31.80	[illegible]	[illegible]
C0[illegible]*	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	45.00	26.00	37.20	1.36	65.80	21.03	30.17	37.20	45.87	[illegible]	[illegible]
C0[illegible]*	SODIUM, DISSOLVED (MG/L AS NA)	3	260.00	220.00	234.35	1.09	276.76	198.43	220.45	234.35	248.[illegible]	[illegible]	[illegible]
C0[illegible]*	POTASSIUM, DISSOLVED (MG/L AS K)	3	10.00	<1.00	2.15	3.78	24.77	0.19	0.68	2.15	5.28	11.34	[illegible]
C0[illegible]*	CHLORIDE, DISSOLVED (MG/L AS CL)	3	160.00	30.00	61.73	2.36	299.96	12.70	34.53	61.73	110.34	[illegible]	[illegible]
C0[illegible]*	SULFATE, DISSOLVED (MG/L AS SO4)	3	510.00	110.00	220.08	2.18	918.05	52.76	130.21	220.08	371.[illegible]	[illegible]	[illegible]
C0[illegible]*	FLUORIDE, TOTAL (MG/L AS F)	3	47.00	2.00	6.90	5.39	152.44	0.31	2.21	6.90	21.52	[illegible]	[illegible]
C0[illegible]*	SILICA, DISSOLVED (MG/L AS SIO2)	3	34.00	1.50	9.90	5.26	209.70	0.47	3.23	9.90	30.[illegible]	[illegible]	[illegible]
C10[illegible]*	ARSENIC, DISSOLVED (UG/L AS AS)	3	<10.00	<10.00	<10.00	1.00							

H200ASA-2 CORE-HOLE G-S 6 AQUIFER U METHOD 1 REPORT DATE 03/10/77

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF THAN OR EQUAL TO VALUE LISTE 25%	50%	75%		
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	3	<10.00	<10.00	<10.00	1.00							
71930*	HYDROXIDE (MG/L)	3	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	3.50	2.90	3.19	1.14	4.77	2.13	2.91	3.19	3.49	[illegible]	
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	[illegible]	[illegible]
71900*	MERCURY DISSOLVED (UG/L AS HG)	3	<10.00	<10.00	<10.00	1.00							

%ZQQASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY THAN OR EQUAL TO VALUE LISTED 25%	50%	75%

END OF CORE-HOLE G-S 6 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 07/06/74 THRU 07/15/74

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* -- ESTIMATE USING METHOD OF MOMENTS
* -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

F20JASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	8	57.30	54.15	55.14	0.98	55.94	54.34	54.48	55.14	55.80	[illegible]	[illegible]
00011#	TEMPERATURE, WATER (DEG. F)	8	58.60	48.00	52.86	4.69	56.69	49.04	49.69	52.86	56.03	[illegible]	[illegible]
00915	CALCIUM, DISSOLVED (MG/L AS CA)	6	99999.00	10.00									
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	7	99999.00	2.00	3.16	1.91	22.71	0.44	2.04	3.16	4.28	[illegible]	[illegible]
00930*	SODIUM, DISSOLVED (MG/L AS NA)	7	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.54	[illegible]	[illegible]
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	7	2.00	0.10	0.45	4.24	1.65	0.12	0.17	0.45	1.20	[illegible]	[illegible]
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	7	20.00	2.00	4.69	2.16	9.35	2.35	2.79	4.69	7.[illegible]	[illegible]	[illegible]
01005*	BARIUM, DISSOLVED (UG/L AS BA)	3	10.00	1.00	4.64	3.78	53.37	0.40	1.89	4.64	11.[illegible]	[illegible]	[illegible]
01106*	ALUMINUM (UG/L)	7	100.00	10.00	30.58	2.45	68.07	13.74	16.71	30.58	55.[illegible]	[illegible]	[illegible]
01020*	BORON, DISSOLVED (UG/L AS B)	7	500.00	100.00	268.27	1.88	471.92	152.50	175.12	268.27	410.96	[illegible]	[illegible]
01040*	COPPER, DISSOLVED (UG/L AS CU)	7	10.00	1.00	2.68	3.42	8.06	0.89	1.17	2.68	6.18	[illegible]	[illegible]
01046*	IRON, DISSOLVED (UG/L AS FE)	7	500.00	10.00	51.79	4.54	200.09	13.41	19.67	51.79	145.72	[illegible]	[illegible]
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.4[illegible]	[illegible]	[illegible]
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	5	50.00	5.00	12.01	2.34	31.99	4.51	6.76	12.01	21.35	[illegible]	[illegible]
01060*	MOLYBDENUM, DISS (UG/L AS MO)	3	20.00	1.00	4.64	4.48	72.92	0.30	1.69	4.64	12.77	[illegible]	[illegible]
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	1.00	0.10	0.32	5.09	44.82	0.00	0.11	0.32	0.[illegible]	[illegible]	[illegible]
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	6	1000.00	10.00	100.00	4.29	423.36	23.34	37.42	100.00	267.[illegible]	[illegible]	[illegible]

H20.7SA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY THAN OR EQUAL TO VALUE 25%	50%	75%	[illegible]
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	10.00	10.00								
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	5	10.00	1.00	2.51	3.53	10.71	0.59	1.07	2.51	5.8[illegible]	12.[illegible]
01153*	TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	3.16	3.78	20.02	0.50	1.29	3.16	7.7[illegible]	17.[illegible]
09513	RADIUM (LG/L)	1	100.00	100.00								

[illegible] OF CORE-HOLE G-S 6 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/13/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
= -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

H2OQASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY THAN OR EQUAL TO VALUE LIST 25%	50%	75%		
CCCC3#	SAMPLE DEPTH, FEET	8	57.30	54.15	55.14	0.98	55.94	54.34	54.48	55.14	55.[illegible]	[illegible]	[illegible]
00011#	TEMPERATURE, WATER (DEG. F)	8	58.60	48.00	52.86	4.69	56.69	49.04	49.69	52.86	55.03	[illegible]	[illegible]
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	8	3855.99	940.00	1206.36	1.62	1786.89	814.43	871.39	1206.36	1[illegible]	[illegible]	[illegible]
C0340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	400.00	5.90	48.58	19.72422959.38		0.01	0.49	48.58	3[illegible]	[illegible]	[illegible]
C0400#	PH (STANDARD UNITS)	8	8.80	7.00	7.69	0.58	8.16	7.22	7.30	7.69	8.08	[illegible]	[illegible]
CC410*	ALKALINITY, TOTAL (MG/L AS CACO3)	8	550.00	434.00	476.57	1.08	506.53	448.38	453.11	476.57	501.[illegible]	[illegible]	[illegible]
C0440*	BICARBONATE ION (MG/L AS HCO3)	8	660.00	455.00	519.98	1.12	571.36	473.21	480.35	519.98	562.17	[illegible]	[illegible]
00445*	CARBONATE ION (MG/L AS CO3)	8	110.00	12.00	50.56	2.02	89.65	28.51	31.46	50.56	81.[illegible]	[illegible]	[illegible]
C0540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	8	730.00	620.00	676.67	1.05	706.61	648.00	652.84	676.67	701.[illegible]	[illegible]	[illegible]
C0608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.10	1.10									
C0613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.10	[illegible]	[illegible]
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	7	29.00	3.00	9.36	2.50	21.25	4.12	5.04	9.36	17.[illegible]	[illegible]	[illegible]
C0720*	CYANIDE (MG/L AS CN)	8	<0.01	<0.01	<0.01	1.00							
C0746*	SULFIDE, DISSOLVED (MG/L AS S)	2	49.00	40.00	44.27	1.15	68.51	28.61	40.18	44.27	48.77	[illegible]	[illegible]
C0900*	HARDNESS, TOTAL (MG/L AS CACO3)	7	315.00	125.00	164.54	1.35	214.82	126.03	134.53	164.54	201.24	241.18	[illegible]
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	8	23.00	12.00	16.60	1.21	19.43	14.18	14.57	16.60	18.91	[illegible]	[illegible]
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	8	67.00	21.00	29.39	1.44	39.61	21.31	22.96	29.39	37.[illegible]	[illegible]	[illegible]

CORE-HOLE G-S 6 AQUIFER U METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	8	260.00	130.00	209.33	1.24	248.97	176.00	181.34	209.33	241.65	274.39	297.1
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	4.00	1.00	2.00	2.67	39.48	0.10	1.03	2.00	3.88	7.33	13.03
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	8	28.00	<0.10	5.57	5.78	23.28	1.33	1.70	5.57	18.20	52.7	97.79
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	8	105.00	10.00	32.32	2.33	64.36	16.23	18.27	32.32	57.16	96.48	131.71
00950*	FLUORIDE, TOTAL (MG/L AS F)	8	5.00	3.20	3.82	1.14	4.24	3.44	3.50	3.82	4.17	4.51	4.83
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	8	57.00	15.00	23.93	1.60	35.19	16.28	17.39	23.93	32.93	43.31	51.7
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	50.00	<10.00	14.54	2.01	25.65	8.25	9.09	14.54	23.20	35.49	45.46
01005*	BARIUM, DISSOLVED (UG/L AS BA)	6	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	8	1799.99	<10.00	183.69	7.29	928.27	36.35	48.03	183.69	702.45	2440.83	4917.42
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	20.00	<10.00	10.91	1.28	13.32	8.93	9.24	10.91	12.87	14.77	16.42
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	40.00	<10.00	11.89	1.65	17.73	7.97	8.54	11.89	16.56	22.74	27.83
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	<100.00	<10.00	<56.23	2.90							
01046*	IRON, DISSOLVED (UG/L AS FE)	8	13999.95	<50.00	1547.39	4.84	5593.25	+28.09	534.03	1547.39	4483.66	11671.41	20115.11
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	90.00	<10.00	43.98	2.12	81.30	23.79	26.44	43.98	73.14	115.96	151.72
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	8	550.00	<50.00	158.38	2.22	303.24	82.73	92.51	158.38	271.17	465.73	597.7
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	30.00	<10.00	16.19	1.73	27.99	9.36	11.18	16.19	23.44	33.92	43.48

W2QAQASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 6 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF LESS THAN OR EQUAL TO VALUE LI 25%	50%	75%	[illegible]	[illegible]
01075*	SILVER, DISSOLVED (UG/L AS AG)	6	40.00	<10.00	12.60	1.76	22.18	7.16	8.60	12.60	18.46	[illegible]	[illegible]
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	10499.96	10499.96									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	8	1799.99	<100.00	376.43	2.86	885.70	159.99	185.36	376.43	764.44	1445.[illegible]	[illegible]
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	200.00	<100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.[illegible]	285.[illegible]	[illegible]
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<1.00	<7.50	2.26							
01503*	GROSS ALPHA, DISSOLVED (PC/L)	4	7.90	1.10	3.27	2.25	10.06	1.06	1.89	3.27	5.[illegible]	[illegible]	[illegible]
03501*	GROSS BETA, DISSOLVED (PC/L)	2	17.00	15.00	15.97	1.09	20.90	12.20	15.04	15.97	16.[illegible]	17.[illegible]	[illegible]
[illegible]*	PHENOLS (UG/L)	2	<1.00	<1.00	<1.00	1.00							
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	8	1.00	<0.10	0.17	2.39	0.35	0.09	0.10	0.17	0.31	[illegible]	[illegible]
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	7	0.90	<0.10	0.31	2.28	0.66	0.15	0.18	0.31	0.55	[illegible]	[illegible]
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	7	0.60	0.10	0.18	2.24	0.37	0.09	0.10	0.18	0.31	[illegible]	[illegible]
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71[illegible]*	MERCURY DISSOLVED (UG/L AS HG)	8	<10.00	<1.00	<4.31	2.58							

END OF CORE-HOLE G-S 6 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/13/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS

-- NO LOG TRANSFORM

[illegible] "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 7 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1200.00	1200.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	63.00	63.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.10	0.10									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	30.00	30.00									
01105	ALUMINUM (UG/L)	1	100.00	100.00									
01010	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01046	IRON, DISSOLVED (UG/L AS FE)	1	100.00	100.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00									
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01155	TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00									

END OF CORE-HOLE G-S 7 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 08/05/74 THRU 08/06/74

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* -- ESTIMATE USING METHOD OF MOMENTS

-- C LOG TRANSFORM

ALL VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 7 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1200.00	1200.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	63.00	63.00									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1650.00	1650.00									
00400#	PH (STANDARD UNITS)	1	7.10	7.10									
00440	BICARBONATE ION (MG/L AS HCO3)	1	637.00	637.00									
00445	CARBONATE ION (MG/L AS CO3)	1	21.00	21.00									
00540	DISSOLVED SOLIDS (RDE AT 179 DEG C, M	1	1260.00	1260.00									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	360.00	360.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	79.00	79.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	88.00	88.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	220.00	220.00									
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	<1.00	<1.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	178.00	178.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	222.00	222.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	2.00	2.00									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	29.00	29.00									
01000	ARSENIC, DISSOLVED (UG/L AS AS)	1	200.00	200.00									

H20CASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 7 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%
01145	SELENIUM, DISSOLVED (UG/L AS SE)	1	<10.00	<10.00							
71830	HYDROXIDE (MG/L)	1	<0.10	<0.10							
71846	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	0.30	0.30							
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10							
71900	MERCURY DISSOLVED (UG/L AS HG)	1	<10.00	<10.00							

H2OWASA-2

CORE-HOLE G-S 7 AQUIFER C METHOD 1 WET SAMPLES REPORT DATE 03/10/77

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF VALUE LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%

END OF CORE-HOLE G-S 7 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 08/06/74 THRU 08/06/74

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* -- ESTIMATE USING METHOD OF MOMENTS

* -- NO LOG TRANSFORM

VALUES OF "9999.0" ARE "MAJOR" CONCENTRATIONS

H20QASA-2 REPORT DATE 03/10/77 PAGE 1

CORE-HOLE G-S 7 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%
00003# SAMPLE DEPTH, FEET	2	774.00	261.00	517.50	362.75	1621.22	-586.22	272.65	517.50	762.35	982.34
00011# TEMPERATURE, WATER (DEG. F)	2	56.00	53.00	54.50	2.12	60.95	48.05	53.07	54.50	55.93	57.2[illegible]
00915 CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00								
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00								
00930 SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00								
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	30.00	25.00	27.39	1.14	40.54	18.50	25.10	27.39	29.88	32.31
01105* ALUMINIUM (UG/L)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	132.[illegible]
01020* BORON, DISSOLVED (UG/L AS B)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00
01046* IRON, DISSOLVED (UG/L AS FE)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03
01056 MANGANESE, DISSOLVED (UG/L AS MN)	1	10.00	10.00								
01060 MOLYBDENUM, DISS (UG/L AS MO)	1	5.00	5.00								
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00
01130 LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00								
01150 TITANIUM, DISSOLVED (UG/L AS TI)	1	10.00	10.00								

END OF CORE-HOLE G-S 7 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/29/74 THRU 08/04/74

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* -- ESTIMATE USING METHOD OF MOMENTS

-- 10 LOG TRANSFORM

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

H2O_ASA-2 REPORT DATE 03/10/77 PAGE 019

CORE-HOLE G-S 7 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
00039#	SAMPLE DEPTH, FEET	2	774.00	261.00	517.50	362.75	1621.22	-586.22	272.65	517.50	762.35	962.94	1117.[illegible]
00011#	TEMPERATURE, WATER (DEG. F)	2	56.00	53.00	54.50	2.12	60.95	48.05	53.07	54.50	55.93	57.[illegible]	[illegible]
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1220.00	900.00	1047.85	1.24	2015.74	544.71	906.29	1047.85	1211.53	1349.[illegible]	14[illegible]
00400#	PH (STANDARD UNITS)	2	7.10	7.00	7.05	0.07	7.27	6.83	7.00	7.05	7.10	7.14	7.17
00440*	BICARBONATE ION (MG/L AS HCO3)	2	683.00	435.00	545.07	1.38	1438.83	206.49	439.47	545.07	675.04	810.[illegible]	[illegible]
00445*	CARBONATE ION (MG/L AS CO3)	2	27.00	24.00	25.46	1.09	32.79	19.76	24.06	25.46	26.93	27.[illegible]	[illegible]
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	2	1316.00	805.00	1029.26	1.42	2963.27	357.50	814.03	1029.26	1301.37	1607.[illegible]	1[illegible]
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	2	520.00	360.00	432.66	1.30	954.33	196.16	363.03	432.66	515.66	693.[illegible]	[illegible]
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	120.00	88.00	102.76	1.25	200.27	52.73	88.62	102.76	119.16	136.[illegible]	1[illegible]
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	52.00	34.00	42.05	1.35	104.89	16.86	34.33	42.05	51.50	61.[illegible]	[illegible]
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	260.00	140.00	190.79	1.55	722.74	50.36	141.98	190.79	256.37	344.[illegible]	[illegible]
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	3.60	<1.00	1.90	2.47	29.86	0.12	1.03	1.90	3.50	[illegible]	[illegible]
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	80.00	47.00	61.32	1.46	192.56	19.53	47.57	61.32	79.04	98.[illegible]	11[illegible]
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	270.00	244.00	256.67	1.07	318.94	206.56	244.39	256.67	269.34	281.[illegible]	[illegible]
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	8.00	0.10	0.89	22.17	11118.40	0.00	0.11	0.89	7.24	47.00	146.28
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	34.00	31.00	32.47	1.07	39.60	26.61	31.06	32.47	33.93	34.[illegible]	[illegible]
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	2	30.00	<10.00	17.32	2.17	184.11	1.63	10.25	17.32	29.28	46.[illegible]	[illegible]

PROGRAM-2 REPORT DATE 03/10/77

CORE-HOLE G-S 7 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%		
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
71830*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	3.20	0.60	1.39	3.27	50.79	0.04	0.62	1.39	3.08	6.32	.71
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.30	<0.10	0.17	2.17	1.84	0.02	0.10	0.17	0.25	0.47	2.32
71900*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

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CORE-HOLE G-S 7 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90	[illegible]

END OF CORE-HOLE G-S 7 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 07/29/74 THRU 08/04/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

H200'SA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER METHOD 0 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00								
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	99999.00	99999.00								
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	99999.00	99999.00								
00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	0.50	0.50								
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	5.00	5.00								
01106	ALUMINUM (UG/L)	1	100.00	100.00								
01020	BORON, DISSOLVED (UG/L AS B)	1	50.00	50.00								
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	1	1.00	1.00								
01046	IRON, DISSOLVED (UG/L AS FE)	1	100.00	100.00								
01049	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00								
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	50.00	50.00								
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00								
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	500.00	500.00								
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00								

END OF CORE-HOLE G-S 8 AQUIFER METHOD 0 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/15/74 THRU 07/15/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- LOG TRANSFORM
ALL S OF "99999.0" ARE "MAJOR" CONCENTRATIONS

H2OCASA-2

CORE-HOLE G-S 8 AQUIFER METHOD 0 — REPORT DATE 03/10/77

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00400*	PH (STANDARD UNITS)	1	7.00	7.00									
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1	390.00	390.00									
00440	BICARBONATE ION (MG/L AS HCO3)	1	490.00	490.00									
00445	CARBONATE ION (MG/L AS CO3)	1	<0.10	<0.10									
00540	DISSOLVED SOLIDS (FOE AT 178 DEG C, M	1	3379.99	3379.99									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	610.00	610.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	98.00	98.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	89.00	89.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	200.00	200.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	43.00	43.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	550.00	550.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	0.40	0.40									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	4.50	4.50									
01046	IRON, DISSOLVED (UG/L AS FE)	1	<50.00	<50.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	1	200.00	200.00									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	<0.10	<0.10									

END OF CORE-HOLE G-S 8 AQUIFER METHOD 0 WET SAMPLES REPORTING PERIOD IS 07/15/74 THRU 07/15/74

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* -- ESTIMATE USING METHOD OF MOMENTS

-- NO LOG TRANSFORM

H2OCASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER METHOD 0

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

*20JASA-2

CORE-HOLE G-S 8 AQUIFER C METHOD 1 REPORT DATE 03/10/77

SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF VALUE LESS THAN OR EQUAL TO 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	2	1616.00	1117.00	1366.50	352.85	2440.10	292.90	1128.33	1366.50	1604.67	[illegible]	[illegible]
00011# TEMPERATURE, WATER (DEG. F)	2	44.06	42.80	43.43	0.89	46.14	40.72	42.83	43.43	44.03	[illegible]	[illegible]
00915 CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	99999.00									
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
00930 SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	0.50	0.10	0.22	3.12	7.13	0.01	0.10	0.22	0.48	[illegible]	[illegible]
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	30.00	15.00	21.21	1.63	94.25	4.77	15.24	21.21	28.58	[illegible]	[illegible]
01106* ALUMINUM (UG/L)	2	100.00	10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	[illegible]	[illegible]
01020* BORON, DISSOLVED (UG/L AS B)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	[illegible]	[illegible]
01046* IRON, DISSOLVED (UG/L AS FE)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	[illegible]	[illegible]
01060* MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.48	[illegible]	[illegible]
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	[illegible]	[illegible]
01130* LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	[illegible]	[illegible]

END OF CORE-HOLE G-S 8 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/15/74 THRU 07/19/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

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CORE-HOLE G-S 8 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	2	1616.00	1117.00	1366.50	352.85	2440.10	292.90	1128.33	1366.50	1604.67	1818.33	1934.33
00011#	TEMPERATURE, WATER (DEG. F)	2	44.06	42.80	43.43	0.89	46.14	40.72	42.83	43.43	44.03	44.57	44.89
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1899.99	1050.00	1412.44	1.52	5059.92	394.27	1064.22	1412.44	1874.61	2418.33	2731.84
00400#	PH (STANDARD UNITS)	2	7.00	6.80	6.90	0.14	7.33	6.47	6.80	6.90	7.00	7.08	7.13
00440*	BICARBONATE ION (MG/L AS HCO3)	2	1100.00	590.00	805.60	1.55	3076.69	210.94	598.43	805.60	1084.49	1416.51	1673.47
00445*	CARBONATE ION (MG/L AS CO3)	2	160.00	<0.10	4.00	184.35312304.00		0.00	0.12	4.00	135.32	3210.90	21333.34
00515*	DISSOLVED SOLIDS (RCE AT 178 DEG C, M	2	2179.99	860.00	1369.23	1.93	10129.27	185.09	878.36	1369.23	2134.42	3191.72	4 [illegible]
00910*	HARDNESS, TOTAL (MG/L AS CACO3)	2	320.00	250.00	282.84	1.19	481.02	166.31	251.41	282.84	318.20	353.76	378.90
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	2	43.00	39.00	40.95	1.07	50.52	33.20	39.09	40.95	42.90	44.74	45.87
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	54.00	35.00	43.47	1.36	110.51	17.10	35.35	43.47	53.47	64.41	71..
00930*	SODIUM, DISSOLVED (MG/L AS NA)	2	910.00	250.00	476.97	2.49	7685.96	29.60	257.44	476.97	883.69	1538.63	2148.66
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	7.00	<1.00	2.65	3.96	174.09	0.04	1.05	2.65	6.70	15.44	25.44
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	2	250.00	34.00	92.20	4.10	6743.45	1.26	35.58	92.20	238.43	562.54	938.77
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	2	490.00	280.00	370.40	1.49	1234.72	111.12	283.58	370.40	483.81	615.16	713.19
00950*	FLUORIDE, TOTAL (MG/L AS F)	2	25.00	4.70	10.84	3.26	395.07	0.30	4.88	10.84	24.07	49.32	75.74
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	2	32.00	19.00	24.66	1.45	75.69	8.03	19.23	24.66	31.62	39.55	45.22
[illegible]	ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							

CORE-HOLE G-S 8 AQUIFER C METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
71850*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.70	1.70									
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	2	1.20	<0.10	0.35	5.80	72.69	0.00	0.11	0.35	1.13	3.30	6.24
71900*	MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00							

H20WASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%

END OF CORE-HOLE G-S 8 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 07/15/74 THRU 07/19/74

M -- ESTIMATE USING METHOD OF MOMENTS
N -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

1203ASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER L METHOD 4 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
00003*	SAMPLE DEPTH, FEET	5	653.28	630.67	645.90	9.09	656.35	635.44	639.76	645.90	652.03	[illegible]	[illegible]
00011*	TEMPERATURE, WATER (DEG. F)	5	64.40	58.80	61.08	2.05	63.43	58.73	59.70	61.08	62.46	[illegible]	[illegible]
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	99999.00	1.00									
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	5	99999.00	0.10	0.71	15.90	3197.55	0.00	0.11	0.71	4.56	[illegible]	[illegible]
00930*	SODIUM, DISSOLVED (MG/L AS NA)	5	99999.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	[illegible]	[illegible]
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	5	5.00	0.50	1.38	2.39	3.76	0.51	0.77	1.38	2.48	[illegible]	[illegible]
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	5	10.00	2.00	4.57	2.24	11.56	1.81	2.65	4.57	7.68	[illegible]	[illegible]
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	50.00	1.00	7.07	15.90	31975.48	0.00	1.09	7.07	45.79	[illegible]	[illegible]
[illegible]	ALUMINUM (UG/L)	5	100.00	10.00	30.17	2.85	100.56	9.05	14.88	30.17	81.17	[illegible]	[illegible]
[illegible]	BORON, DISSOLVED (UG/L AS B)	5	500.00	100.00	218.67	2.24	552.57	86.54	126.89	218.67	376.85	[illegible]	[illegible]
[illegible]	COPPER, DISSOLVED (UG/L AS CU)	4	10.00	1.00	3.16	3.78	20.02	0.50	1.29	3.16	7.76	[illegible]	[illegible]
01046*	IRON, DISSOLVED (UG/L AS FE)	5	100.00	10.00	28.85	3.22	110.70	7.52	13.10	28.85	63.53	[illegible]	[illegible]
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	4	100.00	1.00	3.16	10.00	77.27	0.13	0.67	3.16	14.96	[illegible]	[illegible]
[illegible]	MOLYBDENUM, DISS (UG/L AS MO)	3	50.00	1.00	3.68	9.57	233.54	0.06	0.80	3.68	16.92	[illegible]	[illegible]
01075	SILVER, DISSOLVED (UG/L AS AG)	1	0.10	0.10									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
[illegible]	ZINC, DISSOLVED (UG/L AS ZN)	1	10.00	10.00									

REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER L METHOD 4 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	20.00	1.00	2.71	5.64	65.11	0.11	0.84	2.71	8.72	24.33	44.77
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	5.00	5.00									
09503*	RADIUM (UG/L)	2	1400.00	100.00	374.16	6.46109382.06		1.28	106.17	374.16	1318.57	4092.48	9657.44

END OF CORE-HOLE G-S 8 AQUIFER L METHOD 4 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/12/75 THRU 06/10/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

H200ASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S B AQUIFER L METHOD 4 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	5	653.28	630.67	645.90	9.09	656.35	635.44	639.76	645.90	652.03	657.55	[illegible]
00011#	TEMPERATURE, WATER (DEG. F)	5	64.40	53.80	61.08	2.05	63.43	58.73	59.70	61.08	62.46	63.71	[illegible]
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	5	11999.98	1390.00	5864.69	2.49	16732.88	2056.50	3169.11	5864.69	10853.04	[illegible]	[illegible]
00400#	PH (STANDARD UNITS)	5	12.20	8.00	10.28	2.14	12.74	7.82	8.84	10.28	11.72	[illegible]	[illegible]
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	5	2595.00	610.00	959.54	1.78	1856.41	495.96	651.33	959.54	1413.58	[illegible]	[illegible]
00440*	BICARBONATE ION (MG/L AS HCO3)	5	720.00	<0.10	0.59	53.09	56.87	0.01	0.04	0.59	8.63	[illegible]	[illegible]
00445*	CARBONATE ION (MG/L AS CO3)	5	3180.00	<0.10	15.31	119.92	3760.16	0.06	0.60	15.31	387.41	[illegible]	[illegible]
00540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	5	5729.99	1460.00	2764.44	1.98	5698.96	1340.37	1807.83	2764.44	4227.23	[illegible]	[illegible]
00691*	CARBON, ORGANIC, DISS (MG/L AS C)	4	14.00	1.00	4.74	3.04	22.16	1.01	2.24	4.74	10.03	[illegible]	[illegible]
00720*	CYANIDE (MG/L AS CN)	5	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	5	1260.00	320.00	850.94	1.74	1613.38	448.81	584.50	850.94	1238.81	[illegible]	[illegible]
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	5	515.00	115.00	368.51	1.92	780.95	173.89	237.12	368.51	572.71	851.39	[illegible]
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	5	7.00	<1.00	1.80	2.48	5.12	0.63	0.98	1.80	3.33	[illegible]	[illegible]
00930*	SODIUM, DISSOLVED (MG/L AS NA)	5	1850.00	480.00	724.90	1.72	1356.22	387.46	501.84	724.90	1047.11	[illegible]	[illegible]
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	5	94.00	48.00	63.41	1.35	89.53	44.91	51.78	63.41	77.64	[illegible]	[illegible]
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	5	35.00	<4.00	12.95	2.37	34.98	4.79	7.23	12.95	23.21	[illegible]	[illegible]
00950*	FLUORIDE, TOTAL (MG/L AS F)	5	26.00	<0.05	1.07	9.15	13.65	0.08	0.24	1.07	4.77	[illegible]	[illegible]

CORE-HOLE G-S-8 AQUIFER L METHOD 4 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	5	16.00	<0.10	2.26	7.62	25.37	0.22	0.57	2.26	3.91	20.67	[illegible]
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	5	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	5	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	5	24999.97	<10.00	473.29	19.23	14173.59	15.60	64.33	473.29	3482.15	20352.44	512 .67
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	5	10.00	10.00	10.00	1.00	10.02	9.98	9.99	10.00	10.01	10.03	10.03
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	5	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	5	120.00	20.00	75.17	2.11	176.90	31.94	45.48	75.17	124.23	195.19	255.75
01046*	IRON, DISSOLVED (UG/L AS FE)	5	1600.00	190.00	598.21	2.25	1521.49	235.20	345.82	598.21	1034.80	1695.90	2274.47
01049*	LEAD, DISSOLVED (UG/L AS PB)	5	1400.00	100.00	272.84	3.00	965.91	77.07	129.90	272.84	573.09	1117.04	1684.98
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	5	<50.00	10.00	36.24	2.05	82.91	15.84	22.29	36.24	58.91	91.18	118.41
01060*	NICKEL, DISSOLVED (UG/L AS NI)	5	60.00	<10.00	35.94	2.07	83.16	15.54	21.97	35.94	58.81	91.58	119.34
01075*	SILVER, DISSOLVED (UG/L AS AG)	5	<10.00	<10.00	<10.00	1.00							
01090*	ZINC, DISSOLVED (UG/L AS ZN)	5	190.00	50.00	98.98	1.60	170.34	57.51	71.96	98.98	136.13	181.32	218.22
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	5	<10.00	<1.00	<6.31	2.80							
01501*	GROSS ALPHA, DISSOLVED (PC/L)	3	7.50	3.70	5.93	1.50	12.54	2.80	4.50	5.93	7.80	10.30	11.59
[illegible]	GROSS BETA, DISSOLVED (PC/L)	1	8.00	8.00									

H23CA5A-2 REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER L METHOD 4

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	5	<0.10	<0.10	<0.10	1.00							
71830* HYDROXIDE (MG/L)	2	890.00	880.00	884.98	1.01	902.27	868.02	881.19	884.98	888.79	[illegible]	[illegible]
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	4	2.10	0.70	1.24	1.70	2.60	0.59	0.87	1.24	1.78	2.45	[illegible]
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	5	0.50	0.10	0.26	1.89	0.54	0.13	0.17	0.26	0.40	[illegible]	.74
71890* MERCURY DISSOLVED (UG/L AS HG)	5	<10.00	<2.00	<7.25	2.05							

END OF CORE-HOLE G-S 8 AQUIFER L METHOD 4 WET SAMPLES REPORTING PERIOD IS 7/12/75 THRU 06/10/75

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* -- ESTIMATE USING METHOD OF MOMENTS

[illegible] -- NO LOG TRANSFORM

VALUES OF "88888.0" ARE "MAJOR" CONCENTRATIONS

H200ASA-2 REPORT DATE 03/10/77 PAGE 634

CORE-HOLE G-S 8 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	3	890.00	550.00	701.33	173.05	1019.24	383.42	584.53	701.33	818.14	923.13	978.66
00011#	TEMPERATURE, WATER (DEG. F)	3	42.62	42.26	42.50	0.20	42.87	42.12	42.36	42.50	42.64	42.78	42.84
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	30.00	20.00	24.66	1.23	35.81	16.98	21.50	24.66	28.28	32.00	34.44
01006*	ALUMINUM (UG/L)	3	500.00	100.00	292.40	2.53	1611.92	55.04	156.17	292.40	547.48	982.55	1349.18
01020*	BORON, DISSOLVED (UG/L AS B)	3	200.00	100.00	158.74	1.49	331.11	76.10	121.16	158.74	207.97	268.13	316.60
01040	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.80	255.17	413.43
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04

END OF CORE-HOLE G-S 8 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/11/74 THRU 07/13/74

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* -- ESTIMATE USING METHOD OF MOMENTS

& -- AS LOG TRANSFORM

VALUES OF "99999.00" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 8 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003* SAMPLE DEPTH, FEET	3	850.00	550.00	701.33	173.05	1019.24	383.42	584.53	701.33	818.14	923.18	986.00
00011* TEMPERATURE, WATER (DEG. F)	3	42.62	42.26	42.50	0.20	42.87	42.12	42.36	42.50	42.64	42.76	[illegible]
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	3	1100.00	890.00	967.47	1.12	1190.03	786.54	896.61	967.47	1043.94	1117.8[illegible]	11[illegible]
00400* PH (STANDARD UNITS)	3	7.20	6.40	6.87	0.42	7.63	6.10	6.59	6.87	7.15	7.40	7.59
00440* BICARBONATE ION (MG/L AS HCO3)	3	500.00	410.00	445.05	1.11	538.22	368.00	415.02	445.05	477.24	50[illegible].18	[illegible].04
00445* CARBONATE ION (MG/L AS CO3)	3	24.00	<0.10	0.62	23.67	207.98	0.00	0.07	0.62	5.26	35.90	113.[illegible]4
70[illegible]* DISSOLVED SOLIDS (RDE AT 178 DEG C, M	3	850.00	660.00	739.20	1.14	935.79	583.92	677.85	739.20	806.11	871.43	912.[illegible]9
00900* HARDNESS, TOTAL (MG/L AS CACO3)	3	510.00	290.00	392.87	1.33	662.72	232.90	324.20	392.87	476.08	563.87	6[illegible].46
00915* CALCIUM, DISSOLVED (MG/L AS CA)	3	82.00	62.00	71.53	1.15	92.49	55.32	65.09	71.53	78.62	85.[illegible]	[illegible].04
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	3	74.00	33.00	51.52	1.51	109.46	24.25	33.[illegible]6	51.52	67.96	87.17	1[illegible].16
00930* SODIUM, DISSOLVED (MG/L AS NA)	3	200.00	110.00	138.21	1.38	250.17	76.35	111.13	138.21	171.88	209.10	235.11
00[illegible]* POTASSIUM, DISSOLVED (MG/L AS K)	3	6.20	<1.00	1.84	2.87	12.72	0.27	0.90	1.84	3.74	7.09	10.39
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	3	31.00	17.00	24.53	1.38	44.28	13.59	19.74	24.53	30.47	37.[illegible]	[illegible].63
[illegible]* SULFATE, DISSOLVED (MG/L AS SO4)	3	300.00	240.00	268.88	1.12	330.01	219.08	249.39	268.88	289.90	310.[illegible]0	323.01
00950* FLUORIDE, TOTAL (MG/L AS F)	3	1.10	0.50	0.82	1.54	1.81	0.37	0.61	0.82	1.10	1.42	1.66
00955* SILICA, DISSOLVED (MG/L AS SIO2)	3	35.00	33.00	33.99	1.03	35.87	32.20	33.32	33.99	34.67	35.[illegible]	[illegible].67
[illegible]* ARSENIC, DISSOLVED (UG/L AS AS)	3	20.00	<10.00	12.60	1.49	26.28	6.04	9.62	12.60	16.51	21.0[illegible]	24.[illegible]4

CORE-HOLE G-S 8 AQUIFER U METHOD 1

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	3	<10.00	<10.00	<10.00	1.00							
71[illegible]*	HYDROXIDE (MG/L)	3	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	5.00	2.30	3.39	1.73	18.03	0.64	2.34	3.39	4.41	6.46	8.37
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	3	<10.00	<10.00	<10.00	1.00							

H20QASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 8 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%

END OF CORE-HOLE G-S 8 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 07/11/74 THRU 07/13/74

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* -- ESTIMATE USING METHOD OF MOMENTS

-- NO LOG TRANSFORM

VALUES OF "-99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	3	1600.00	1115.00	1321.00	250.61	1781.39	860.61	1151.84	1321.00	1490.16	1542.29	1733.25
00011*	TEMPERATURE, WATER (DEG. F)	3	45.32	44.06	44.54	0.68	45.79	43.29	44.09	44.54	45.00	45.41	45.68
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	10.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	50.00	10.00	21.54	2.24	94.94	4.89	12.49	21.54	37.15	60.65	81.30
01105*	ALUMINIUM (UG/L)	3	100.00	50.00	63.00	1.49	131.40	30.20	48.08	63.00	82.53	105.22	121.68
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	100.00	292.40	2.53	1611.92	53.04	156.17	292.40	547.49	982.[illegible]	1348.[illegible]
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01040	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	3	1000.00	100.00	368.40	3.26	3227.10	42.06	165.97	368.40	817.73	1675.31	2571.25
01055*	MANGANESE, DISSOLVED (UG/L AS MN)	2	100.00	50.00	70.71	1.63	314.16	15.92	50.79	70.71	98.44	139.[illegible]	155.[illegible]
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	100.00	100.00									
01132*	LITHIUM, DISSOLVED (UG/L AS LI)	3	<500.00	<500.00	<500.00	1.01							

H2COASA-2 REPORT DATE 03/10/77

CORE-HOLE G-S 9 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF VALUE LISTED THAN OR EQUAL TO 25%	50%	75%
CILICA TITANIUM, DISSOLVED (UG/L AS TI)	3	10.00	10.00	10.00	1.00	10.04	9.96	9.93	10.00	10.02

END OF CORE-HOLE G-S 9 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/08/74 THRU 09/12/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "-9999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE C-S 9 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SAMPLE DEPTH, FEET	3	1600.00	1115.00	1321.00	250.61	1781.39	860.61	1151.84	1321.00	1490.16	1642.28	1733.[illegible]
[illegible]	TEMPERATURE, WATER (DEG. F)	3	45.32	44.06	44.54	0.68	45.79	43.29	44.08	44.54	45.00	45.41	[illegible]
[illegible]	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	3060.00	2199.99	2506.79	1.19	3459.47	1816.46	2226.99	2506.79	2821.74	3138.62	3344.[illegible]
[illegible]	PH (STANDARD UNITS)	3	7.20	7.20	7.20	0.01	7.21	7.19	7.20	7.20	7.20	7.21	7.21
[illegible]	BICARBONATE ION (MG/L AS HCO3)	3	2290.00	1525.00	1879.11	1.23	2730.57	1293.15	1638.02	1879.11	2155.68	2438.99	2625.[illegible]
[illegible]	CARBONATE ION (MG/L AS CO3)	3	180.00	<0.10	11.20	60.79	211[illegible]7.94	0.01	0.70	11.20	179.15	21[illegible]7.[illegible]	[illegible]
[illegible]	DISSOLVED SOLIDS (RCE AT 178 DEG C, M	3	2379.99	1850.00	2125.20	1.14	2687.00	1680.86	1949.72	2125.20	2316.48	2503.1[illegible]	[illegible]
[illegible]	SULFIDE, DISSOLVED (MG/L AS S)	3	1.20	0.40	0.73	1.74	2.02	0.26	0.50	0.73	1.06	1.[illegible]	1.[illegible]
[illegible]	HARDNESS, TOTAL (MG/L AS CACO3)	3	375.00	90.00	216.02	2.05	806.94	57.83	133.10	216.02	350.57	541.87	703.[illegible]
[illegible]	CALCIUM, DISSOLVED (MG/L AS CA)	3	71.00	25.00	47.14	1.75	131.13	16.94	32.37	47.14	68.65	[illegible]	117.[illegible]
[illegible]	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	55.00	8.40	22.60	2.57	127.95	3.99	11.96	22.60	42.74	75.78	105.73
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	3	1120.00	580.00	818.78	1.39	1501.46	446.50	655.25	818.78	1023.12	1250.[illegible]	1[illegible]
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	3	7.20	0.40	1.79	4.26	25.64	0.13	0.67	1.79	4.76	11.44	17.4
[illegible]	CHLORIDE, DISSOLVED (MG/L AS CL)	3	230.00	48.00	90.88	2.28	412.01	20.05	52.16	90.88	158.37	260.[illegible]	[illegible].77
[illegible]	SULFATE, DISSOLVED (MG/L AS SO4)	3	320.00	33.00	140.92	3.53	1428.38	13.90	60.17	140.92	330.03	709.41	1[illegible].11
[illegible]	FLUORIDE, TOTAL (MG/L AS F)	3	3.70	1.90	2.76	1.41	5.17	1.48	2.20	2.76	3.48	4.[illegible]	[illegible].[illegible]
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	3	41.00	8.20	20.86	2.31	96.75	4.50	11.87	20.86	36.66	[illegible].[illegible]	[illegible].41

CORE-HOLE G-S 9 AQUIFER C METHOD 1 REPORT DATE 03/10/77

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	3	500.00	50.00	107.72	3.78	1238.71	9.37	43.91	107.72	264.25	592.19	[illegible]
01027*	CADMIUM, DISSOLVED (UG/L AS CD)	3	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	3	570.00	30.00	162.30	4.57	2644.03	9.96	58.21	162.30	452.49	1137.75	1674.74
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	<100.00	<10.00	<46.42	3.78							
01046*	IRON, DISSOLVED (UG/L AS FE)	3	2499.99	200.00	691.04	3.54	7040.05	67.83	294.52	691.04	1621.40	3491.12	[illegible]
01049*	LEAD, DISSOLVED (UG/L AS PB)	3	500.00	<50.00	135.72	3.26	1188.89	15.49	61.14	135.72	301.26	617.09	[illegible]
01090*	ZINC, DISSOLVED (UG/L AS ZN)	3	1000.00	500.00	704.73	1.41	1332.18	372.80	557.72	704.73	893.49	1099.01	[illegible]
01106*	ALUMINUM, DISSOLVED (UG/L AS AL)	3	<50.00	<50.00	<50.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	3	<10.00	<10.00	<10.00	1.00							
70507*	PHOSPHORUS, TOTAL OTHER (MG/L AS P)	3	0.70	0.40	0.52	1.33	0.87	0.31	0.43	0.52	0.63	0.75	[illegible]
71[illegible]*	HYDROXIDE (MG/L)	3	<0.10	<0.10	<0.10	1.00							
71[illegible]*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	2.90	0.50	1.58	2.70	9.80	0.25	0.81	1.58	3.08	5.84	[illegible]
71[illegible]*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	7.00	1.50	3.72	2.24	16.36	0.85	2.16	3.72	6.41	10.45	[illegible]
71900*	MERCURY DISSOLVED (UG/L AS HG)	3	<10.00	<10.00	<10.00	1.00							

END OF CORE-HOLE G-S 9 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/08/74 THRU 09/12/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "<XXXXX.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 ACUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	4	521.17	510.94	515.35	4.70	521.88	508.83	512.18	515.35	518.53	521.88	523.08
00011#	TEMPERATURE, WATER (DEG. F)	4	62.60	55.90	59.22	2.79	63.10	55.35	57.34	59.22	61.11	62.81	63.82
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	5.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	2.00									
00930*	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.01	0.10	10.00	6.87	0.00	0.02	0.10	0.47	1.91	4.42
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	2.00	3.68	1.70	9.74	1.39	2.58	3.68	5.27	7.26	8.80
01105*	ALUMINUM (UG/L)	3	50.00	10.00	17.10	2.53	94.27	3.10	9.13	17.10	32.02	56.28	78.96
01020*	BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	271.44	1.70	717.37	102.71	189.93	271.44	387.93	534.82	645.04
01041*	COPPER, DISSOLVED (UG/L AS CU)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.68	2.15	5.28	11.84	19.19
01046*	IRON, DISSOLVED (UG/L AS FE)	3	500.00	10.00	46.42	8.06	2148.70	1.00	11.34	46.42	189.94	674.58	1[illegible]78
01051	LEAD, DISSOLVED (UG/L AS PB)	1	10.00	10.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	10.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	10.00	10.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	10.00	10.00									
[illegible]	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	29.50	46.0[illegible]

REPORT DATE 03/10/77

CORE-HOLE G-S 9 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAM	TOR DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	5.00	5.00								
09503	RADIUM (UG/L)	1	200.00	200.00								

END OF CORE-HOLE G-S 9 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/12/75 THRU 11/10/76

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* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 AQUIFER L METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95
[illegible] SAMPLE DEPTH, FEET	4	521.17	510.94	515.35	4.70	521.88	508.83	512.18	515.35	518.53	521.88	523.[illegible]
[illegible] TEMPERATURE, WATER (DEG. F)	4	62.60	55.90	59.22	2.79	63.10	55.35	57.34	59.22	61.11	62.81	63.[illegible]
[illegible] CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1711.00	1090.00	1411.59	1.26	1937.76	1028.29	1210.03	1411.59	1645.72	1891.44	[illegible]
[illegible] CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	7.90	1.80	3.77	2.85	90.86	0.16	1.86	3.77	7.64	14.41	21.[illegible]
[illegible] PH (STANDARD UNITS)	4	7.80	6.90	7.25	0.40	7.81	6.69	6.98	7.25	7.52	7.77	7.[illegible]
[illegible] ALKALINITY, TOTAL (MG/L AS CACO3)	4	929.00	411.00	594.54	1.51	1056.64	334.53	449.50	594.54	786.39	1011.24	1175.[illegible]
[illegible] BICARBONATE ION (MG/L AS HCO3)	4	1090.00	410.00	653.82	1.66	1324.91	322.64	463.76	653.82	921.77	1255.34	1510.[illegible]
[illegible] CARBONATE ION (MG/L AS CO3)	4	93.00	<0.10	14.00	27.32	1379.82	0.14	1.50	14.00	130.51	971.76	322.[illegible]
[illegible] DISSOLVED SOLIDS (DRIED AT 176 DEG C, M	4	1240.00	570.00	804.75	1.40	1278.57	506.52	642.51	804.75	1007.[illegible]	1234.[illegible]	[illegible]
[illegible] NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.20	1.20									
[illegible] NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.10	<0.02	0.04	3.12	1.43	0.00	0.02	0.04	0.10	0.19	0.[illegible]
[illegible] CARBON, ORGANIC, DISS (MG/L AS C)	4	15.00	5.00	9.06	1.57	17.01	4.93	6.67	9.06	12.31	16.21	19.12
[illegible] CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
[illegible] SULFIDE, DISSOLVED (MG/L AS S)	2	1.60	0.60	0.98	2.00	8.08	0.12	0.61	0.98	1.56	2.38	3.07
[illegible] HARDNESS, TOTAL (MG/L AS CACO3)	3	76.00	60.00	67.01	1.13	83.38	53.86	61.84	67.01	72.62	78.05	81.[illegible]
[illegible] CALCIUM, DISSOLVED (MG/L AS CA)	4	6.60	4.10	5.65	1.25	7.71	4.14	4.85	5.65	6.57	7.53	8.17
[illegible] MAGNESIUM, DISSOLVED (MG/L AS MG)	4	15.00	7.20	10.93	1.36	16.74	7.13	8.88	10.93	13.45	16.20	18.11

CORE-HOLE G-S 9 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	520.00	210.00	313.45	1.48	539.16	182.23	240.78	313.45	408.05	517.23	596.12
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	<1.00	2.24	3.12	71.34	0.07	1.04	2.24	4.82	8.62	14.54
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	21.00	1.40	6.93	3.32	36.70	1.31	3.08	6.93	15.59	32.31	47.72
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	75.00	10.00	34.66	2.43	118.54	10.14	19.06	34.66	63.03	107.42	149.19
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	21.00	4.50	11.85	2.02	31.56	4.45	7.36	11.85	19.09	28.29	37.34
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	8.70	3.80	5.98	1.54	10.89	3.29	4.47	5.98	8.00	10.49	12.17
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01010*	BORON, DISSOLVED (UG/L AS B)	4	800.00	500.00	588.56	1.25	800.78	432.59	506.72	588.56	683.63	792.17	867.73
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	30.00	<10.00	15.65	1.72	33.26	7.36	10.85	15.65	22.58	31.43	38.04
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	10.00	10.00	10.00	1.00	10.03	9.97	9.98	10.00	10.02	10.05	10.04
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01046*	IRON, DISSOLVED (UG/L AS FE)	4	1300.00	<50.00	261.55	6.09	3213.00	21.29	77.23	261.55	885.77	2552.55	5114.27
01051*	LEAD, DISSOLVED (UG/L AS PB)	4	200.00	<10.00	63.25	4.24	469.88	8.51	23.85	63.25	167.72	403.16	681.16
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	300.00	<50.00	78.25	2.45	271.36	22.57	42.74	78.25	143.26	240.77	341.61
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	50.00	30.00	38.73	1.44	116.24	12.90	30.35	38.73	49.42	61.54	70.16

CORE-HOLE G-S 9 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	400.00	400.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	4	200.00	<100.00	141.42	1.49	246.46	81.15	107.94	141.42	185.28	236.24	273.15
01105	ALUMINUM, DISSOLVED (UG/L AS AL)	1	300.00	300.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01501*	GROSS ALPHA, DISSOLVED (PC/L)	3	5.80	0.30	0.89	5.12	17.31	0.04	0.29	0.89	2.67	7.19	13.01
03501	GROSS BETA, DISSOLVED (PC/L)	1	46.00	46.00									
32730*	PHENOLS (UG/L)	2	<1.00	<1.00	<1.00	1.00							
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.70	0.70	0.70	1.00	0.70	0.70	0.70	0.70	0.70	0.70	0.70
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.40	<0.10	0.20	2.00	0.71	0.06	0.13	0.20	0.32	0.49	0.63
71870*	BROMIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890*	MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE G-S 9 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/12/75 THRU 11/10/76

* -- ESTIMATE USING METHOD OF MOMENTS
# -- LOG TRANSFORM
ALL OF THE PARAMETERS ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF ... THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	...	...
00003*	SAMPLE DEPTH, FEET	4	516.74	494.46	508.79	10.00	522.66	494.92	502.04	508.79	515.54	5...	...
00011*	TEMPERATURE, WATER (DEG. F)	4	56.10	53.80	55.25	1.01	56.65	53.85	54.57	55.25	55.93	56.64	...
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	99999.00	20.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	4	99999.00	10.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	4	1.00	0.50	0.84	1.41	1.36	0.52	0.67	0.84	1.06	1.31	...
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	20.00	5.00	7.07	2.00	18.51	2.70	4.43	7.07	11.29	17....	...
01105*	ALUMINUM (UG/L)	4	100.00	10.00	31.62	2.75	129.79	7.76	15.97	31.62	62.60	115....	...
01020*	BORON, DISSOLVED (UG/L AS B)	4	2000.00	200.00	562.34	2.59	2101.35	150.49	296.20	562.34	1067.01	1990....	...
01040*	COPPER, DISSOLVED (UG/L AS CU)	3	20.00	1.00	5.85	4.80	104.29	0.33	2.03	5.85	16.86	48....	...
01046*	IRON, DISSOLVED (UG/L AS FE)	4	500.00	10.00	56.23	5.74	635.55	4.98	17.29	56.23	182.89	528.10	...
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	4	50.00	1.00	4.73	6.76	67.05	0.33	1.30	4.73	17.17	54....	1...
01060*	MOLYBDENUM, DISS (UG/L AS MO)	3	10.00	1.00	3.68	3.26	32.27	0.42	1.56	3.68	8.19	19....	...
01075	SILVER, DISSOLVED (UG/L AS AG)	1	0.10	0.10									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	4	1000.00	10.00	100.00	6.55	1359.23	7.36	28.11	100.00	355.74	1113.64	2209.60
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	29....	...
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	29....	...

CORE-HOLE G-S 9 AQUIFER L METHOD 3A

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01152 TITANIUM, DISSOLVED (UG/L AS TI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	45.5

END OF CORE-HOLE G-S 9 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/12/75

* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "88888.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 AQUIFER L METHOD 3A REPORT DATE 03/10/77

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%
00024	SAMPLE DEPTH, FEET	4	516.74	494.46	508.79	10.00	522.66	494.92	502.04	508.79	515.54	521.63
00011	TEMPERATURE, WATER (DEG. F)	4	56.10	53.80	55.25	1.01	56.65	53.85	54.57	55.25	55.93	56.74
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1100.00	960.00	1008.53	1.06	1098.40	926.01	967.52	1008.53	1051.27	1091.35
00400	PH (STANDARD UNITS)	4	7.40	6.40	7.02	0.44	7.63	6.42	6.73	7.02	7.32	7.58
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	4	378.00	299.00	345.16	1.11	398.01	299.32	322.05	345.16	369.92	393.71
00440	BICARBONATE ION (MG/L AS HCO3)	4	420.00	300.00	379.03	1.17	473.07	303.68	340.30	379.03	422.16	465.13
00445	CARBONATE ION (MG/L AS CO3)	4	66.00	<0.10	11.32	23.48	903.83	0.14	1.34	11.32	95.24	646.45
70300	DISSOLVED SOLIDS (RCE AT 178 DEG C, M	4	770.00	560.00	648.23	1.14	777.90	540.18	593.22	648.23	708.34	767.14
00681	CARBON, ORGANIC, DISS (MG/L AS C)	3	15.00	3.00	6.46	2.24	28.48	1.47	3.75	6.46	11.15	18.18
00720	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00						
00900	HARDNESS, TOTAL (MG/L AS CACO3)	4	330.00	150.00	215.66	1.40	342.43	135.82	172.23	215.66	270.04	330.55
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	36.00	18.00	24.76	1.38	38.75	15.82	19.91	24.76	30.78	37.44
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	59.00	25.00	36.83	1.48	63.16	21.47	28.33	36.83	47.88	60.61
00930	SODIUM, DISSOLVED (MG/L AS NA)	4	190.00	155.00	166.98	1.09	189.14	147.42	157.17	166.98	177.41	187.35
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	19.00	11.00	15.68	1.27	21.93	11.21	13.31	15.68	18.46	21.58
00945	SULFATE, DISSOLVED (MG/L AS SO4)	4	290.00	95.00	166.28	1.59	316.43	87.38	121.30	166.28	227.27	301.20
00950	FLUORIDE, TOTAL (MG/L AS F)	4	2.90	1.00	1.93	1.58	3.67	1.02	1.42	1.93	2.64	3.49

CORE-HOLE G-S 9 AQUIFER L METHOD 3A

WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	4	7.20	3.50	5.41	1.41	8.75	3.35	4.29	5.41	6.84	8.44	[illegible]
[illegible]	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
[illegible]	BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<1000.00	<1000.00	1.00							
[illegible]	BORON, DISSOLVED (UG/L AS B)	4	400.00	<10.00	94.57	4.96	872.94	10.25	32.09	94.57	278.72	766.87	1317.74
[illegible]	CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
[illegible]	CHROMIUM, DISSOLVED (UG/L AS CR)	4	<10.00	<10.00	<10.00	1.00							
[illegible]	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<10.00	<37.61	3.20							
[illegible]	IRON, DISSOLVED (UG/L AS FE)	4	2499.99	730.00	1226.75	1.86	2899.38	519.05	807.41	226.75	1863.88	2715.05	3344.44
[illegible]	LEAD, DISSOLVED (UG/L AS PB)	4	600.00	30.00	152.44	3.45	849.24	27.36	66.12	152.44	351.44	744.64	1167.20
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	4	110.00	<50.00	60.89	1.48	105.25	35.25	46.67	60.89	79.46	130.74	116.47
[illegible]	NICKEL, DISSOLVED (UG/L AS NI)	4	20.00	10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	19.54	21.03
[illegible]	SILVER, DISSOLVED (UG/L AS AG)	4	20.00	<10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	19.54	21.03
[illegible]	ZINC, DISSOLVED (UG/L AS ZN)	4	600.00	<100.00	160.28	2.41	544.54	47.18	88.43	160.28	290.53	495.98	692.33
[illegible]	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<100.00	<100.00									
[illegible]	SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
[illegible]	GROSS ALPHA, [illegible]VED (PC/L)	1	3.50	3.50									
[illegible]	PHOSPHORUS, TOTAL [illegible]THO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							

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CORE-HOLE G-S 9 AQUIFER L METHOD 3A REPORT DATE 03/10/77

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
71-4CR NITROGEN, AMMONIA DISS (MG/L AS NH4)	4	0.30	0.12	0.22	1.54	0.39	0.12	0.16	0.22	0.29	0.39	[illegible]
71 [illegible] NITROGEN, NITRATE DISS (MG/L AS NO3)	4	0.30	0.20	0.22	1.22	0.29	0.17	0.19	0.22	0.25	0.29	[illegible]
[illegible] MERCURY DISSOLVED (UG/L AS HG)	4	<10.00	<10.00	<10.00	1.00							

[illegible] CORE-HOLE G-S 9 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/31/75 THRU 06/12/75

E -- ESTIMATE USING METHOD OF MOMENTS

L -- LOG TRANSFORM

VALUES IN "BOLDFACE" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SAMPLE DEPTH, FEET	2	651.00	484.00	567.50	118.09	926.80	208.20	487.79	567.50	647.21	718.[illegible]	751.7[illegible]
00011=	TEMPERATURE, WATER (DEG. F)	2	42.80	41.90	42.35	0.64	44.28	40.42	41.92	42.35	42.78	43.17	43.40
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	99999.00									
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	2	0.10	0.10	0.10	1.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	2	50.00	35.00	41.83	1.29	90.11	19.42	35.28	41.83	48.60	57.90	63.34
[illegible]	ALUMINUM (UG/L)	1	10.00	10.00									
[illegible]	BORON, DISSOLVED (UG/L AS B)	1	100.00	100.00									
01025	CADMIUM, DISSOLVED (UG/L AS CD)	1	99999.00	99999.00									
[illegible]	CHROMIUM, DISSOLVED (UG/L AS CR)	1	10.00	10.00									
[illegible]	COPPER, DISSOLVED (UG/L AS CU)	1	10.00	10.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	2	500.00	500.00	500.00	1.00	500.00	500.00	500.00	500.00	500.00	500.00	500.00
[illegible]	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
[illegible]	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
[illegible]	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

= CORE-HOLE G-S 9 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/02/74 THRU 09/04/74

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* -- ESTIMATE USING METHOD OF MOMENTS
= -- NO LOG TRANSFORM

CORE-HOLE G-S 9 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE G-S 9 AQUIFER U METHOD 1

WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	2	651.00	484.00	567.50	118.09	926.80	208.20	487.79	567.50	647.21	718.99	761.75
00011# TEMPERATURE, WATER (DEG. F)	2	42.80	41.90	42.35	0.64	44.28	40.42	41.92	42.35	42.78	43.17	43.40
00095* CONDUCTIVITY (UMHOS AT 25 DEG C)	2	1275.00	1100.00	1184.27	1.11	1627.59	861.69	1103.60	1184.27	1270.83	1354.05	1406.41
00400# PH (STANDARD UNITS)	2	6.80	6.60	6.70	0.14	7.13	6.27	6.60	6.70	6.80	6.88	6.93
00440* BICARBONATE ION (MG/L AS HCO3)	2	620.00	605.00	612.45	1.02	646.91	579.83	605.06	612.45	619.93	626.74	630.85
00445* CARBONATE ION (MG/L AS CO3)	2	<0.10	<0.10	<0.10	1.00							
00540* DISSOLVED SOLIDS (RCE AT 178 DEG C, M	2	1320.00	1300.00	1309.96	1.01	1346.30	1274.59	1302.03	1309.96	1317.93	1325.15	1329.49
00900* HARDNESS, TOTAL (MG/L AS CACO3)	2	655.00	635.00	644.92	1.02	689.64	603.10	635.40	644.92	654.58	663.40	668.72
00915* CALCIUM, DISSOLVED (MG/L AS CA)	2	167.00	148.00	157.21	1.09	203.82	121.26	148.41	157.21	166.53	175.39	180..
00925* MAGNESIUM, DISSOLVED (MG/L AS MG)	2	70.00	53.00	60.91	1.22	110.82	33.48	53.34	60.91	69.56	78.38	84.19
00930* SODIUM, DISSOLVED (MG/L AS NA)	2	180.00	175.00	177.48	1.02	188.68	166.95	175.09	177.48	179.91	182.12	183.46
00935* POTASSIUM, DISSOLVED (MG/L AS K)	2	93.00	2.10	13.97	14.59	48672.79	0.00	2.29	13.97	85.33	434.22	1143.36
00940* CHLORIDE, DISSOLVED (MG/L AS CL)	2	15.00	13.00	13.96	1.11	19.00	10.26	13.04	13.96	14.89	15.90	16.4.
00945* SULFATE, DISSOLVED (MG/L AS SO4)	2	435.00	425.00	429.97	1.02	452.56	408.51	425.11	429.97	434.88	439.35	442.04
00950* FLUORIDE, TOTAL (MG/L AS F)	2	4.00	2.00	2.83	1.63	12.57	0.64	2.03	2.83	3.94	5.30	6.33
00955* SILICA, DISSOLVED (MG/L AS SIO2)	2	51.00	46.00	48.44	1.08	60.47	38.79	46.11	48.44	50.88	53.18	54.61
01000* ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							

CORE-HOLE G-S 9 AQUIFER U METHOD 1

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%
01040* CHROMIUM, DISSOLVED (UG/L AS CR)	2	<10.00	<10.00	<10.00	1.00						
01046* IRON, DISSOLVED (UG/L AS FE)	2	1100.00	500.00	741.62	1.75	4044.71	135.92	509.03	741.62	1080.47	1515.59
01105* ALUMINUM, DISSOLVED (UG/L AS AL)	2	<50.00	<50.00	<50.00	1.00						
01145* SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00						
70507* PHOSPHATE, TOTAL ORTHO (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00						
71850 HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00						
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	1.90	0.50	0.97	2.57	17.23	0.06	0.52	0.97	1.84	3.27	4.61
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	2	0.40	0.20	0.28	1.63	1.26	0.06	0.20	0.28	0.39	0.53
71900* MERCURY DISSOLVED (UG/L AS HG)	2	<10.00	<10.00	<10.00	1.00						

CORE-HOLE G-S 9 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/02/74 THRU 09/04/74

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- LOG TRANSFORM
VALUES OF "88888.0" ARE "MAJOR" CONCENTRATIONS

H2O2AS8-2 REPORT DATE 03/10/77 PAGE 036

CORE-HOLE G-S 9 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SAMPLE DEPTH, FEET	8	323.80	311.65	320.38	4.22	323.82	316.94	317.53	320.38	323.23	325.79	327.32
[illegible]	TEMPERATURE, WATER (DEG. F)	8	65.30	52.70	55.46	4.11	58.81	52.11	52.69	55.46	58.24	60.73	62.23
[illegible]	CALCIUM, DISSOLVED (MG/L AS CA)	7	99999.00	10.00									
[illegible]	MAGNESIUM, DISSOLVED (MG/L AS MG)	7	99999.00	99999.00									
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	7	99999.00	5.00	5.95	1.41	9.62	3.68	4.71	5.95	7.51	[illegible]	[illegible]
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	7	1.00	0.01	0.24	5.73	1.16	0.05	0.07	0.24	0.79	2.29	4.29
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	7	10.00	2.00	4.84	1.60	7.36	3.19	3.53	4.84	6.64	8.82	10.45
[illegible]	BARIUM, DISSOLVED (UG/L AS BA)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
[illegible]	ALUMINUM (UG/L)	7	100.00	10.00	65.18	2.38	141.37	30.06	36.33	65.18	116.95	147.84	[illegible]
[illegible]	BORON, DISSOLVED (UG/L AS B)	7	2000.00	100.00	424.89	3.04	1146.36	157.48	200.81	424.89	899.02	1760.61	2651.44
[illegible]	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	6.07	2.52	15.31	2.41	3.25	6.07	11.34	19.89	27.84
[illegible]	IRON, DISSOLVED (UG/L AS FE)	7	500.00	10.00	59.04	4.28	216.64	16.09	22.12	59.04	157.57	380.96	645.90
[illegible]	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	6	20.00	1.00	5.21	3.69	19.21	1.41	2.16	5.21	12.58	27.81	44.69
[illegible]	MOLYBDENUM, DISS (UG/L AS MO)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.19
[illegible]	STRONTIUM, DISSOLVED (UG/L AS SR)	6	500.00	100.00	130.77	1.93	252.09	67.83	83.92	130.77	203.75	333.60	489.33
[illegible]	ZINC, DISSOLVED (UG/L AS ZN)	2	200.00	1.00	14.14	42.37262342.00		0.00	1.13	14.14	177.33	1723.54	6715.04

CORE-HOLE G-S 9 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01132*	LITHIUM, DISSOLVED (UG/L AS LI)	5	10.00	1.00	1.58	2.80	5.18	0.49	0.79	1.58	3.18	5.93	8.62
01150*	TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	3.16	3.78	20.02	0.50	1.29	3.16	7.76	17.38	28.17
01093*	BARIUM (UG/L)	4	200.00	100.00	168.18	1.41	272.07	103.96	133.10	168.18	212.50	262.26	287.42

CORE-HOLE G-S 9 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 7/12/75 THRU 11/10/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "-99999.0" ARE "MAJOR" CONCENTRATIONS

H2OOSSA-2 REPORT DATE 03/10/77 PAGE 054

CORE-HOLE G-S 9 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003*	SAMPLE DEPTH, FEET	8	323.80	311.65	320.38	4.22	323.82	316.94	317.53	320.38	323.23	325.79	327.52
00011*	TEMPERATURE, WATER (DEG. F)	8	65.30	52.70	55.46	4.11	58.81	52.11	52.69	55.46	58.24	60.73	62.22
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	8	1650.00	1100.00	1436.27	1.14	1601.07	1288.42	1312.73	1436.27	1571.42	1703.79	17 [illegible]
00340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR2O7	2	7.90	4.30	5.83	1.54	21.57	1.57	4.36	5.83	7.79	10.12	11.5
00400*	PH (STANDARD UNITS)	8	7.00	6.20	6.62	0.27	6.84	6.41	6.45	6.62	6.80	6.97	7.06
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	8	710.00	170.00	492.10	1.56	706.54	342.74	364.75	492.10	663.91	869.08	1021.44
00440*	BICARBONATE ION (MG/L AS HCO3)	8	760.00	205.00	589.67	1.54	840.03	413.92	439.91	589.67	790.40	1028.66	1214.21
00445*	CARBONATE ION (MG/L AS CO3)	8	<0.10	<0.10	<0.10	1.00							
70300*	DISSOLVED SOLIDS (RESIDUE AT 180 DEG C, M	8	1310.00	980.00	1177.97	1.10	1272.78	1090.22	1104.84	1177.97	1255.93	1330.44	1377.13
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.70	0.70									
00613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.19	0.51	0.82
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	7	35.00	3.00	13.57	2.32	28.75	6.41	7.70	13.57	23.92	39.82	54.31
00720*	CYANIDE (MG/L AS CN)	8	<0.01	<0.01	<0.01	1.00							
00745*	SULFIDE, DISSOLVED (MG/L AS S)	2	1.00	<0.10	0.32	5.09	44.82	0.00	0.11	0.32	0.95	2.55	4.63
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	7	640.00	390.00	549.14	1.18	635.48	474.55	491.80	549.14	613.16	677.08	716.49
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	8	200.00	30.00	101.63	2.00	178.98	57.70	63.61	101.63	162.37	247.46	314.33
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	8	73.00	17.00	45.85	1.66	69.33	30.33	32.56	45.85	64.57	87.63	105.59

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COKE-HOLE G-S 9 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY (PERCENT) LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	8	370.00	120.00	229.53	1.42	305.23	172.81	181.29	229.53	290.62	358.32	407.94
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	6.00	1.40	2.90	2.80	66.36	0.13	1.45	2.90	5.80	10.84	15.75
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	8	21.00	5.50	11.12	1.50	15.47	7.99	8.46	11.12	14.62	18.70	21.65
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	8	500.00	320.00	397.89	1.15	445.31	355.52	362.48	397.89	436.76	474.30	4[illegible]
00950*	FLUORIDE, TOTAL (MG/L AS F)	8	0.60	0.10	0.33	1.69	0.51	0.21	0.23	0.33	0.47	0.55	.7[illegible]
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	8	56.00	35.00	47.45	1.16	53.44	42.14	43.01	47.45	52.36	57.18	[illegible]
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	8	20.00	<10.00	10.91	1.28	13.32	8.93	9.24	10.91	12.87	14.[illegible]	[illegible]
01005*	BARIUM, DISSOLVED (UG/L AS BA)	8	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	8	500.00	<10.00	98.69	4.55	339.66	28.69	35.47	98.69	274.59	638.14	11[illegible]
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	8	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	8	<10.00	<10.00	<10.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	8	<100.00	<10.00	<61.32	2.52							
01045*	IRON, DISSOLVED (UG/L AS FE)	8	14999.96	200.00	3111.21	4.20	10019.24	966.10	1181.47	3111.21	8192.85	19568.51	[illegible]
01049*	LEAD, DISSOLVED (UG/L AS PB)	8	800.00	20.00	121.04	3.28	318.78	45.96	54.29	121.04	269.85	554.84	854.07
01055*	MANGANESE, DISSOLVED (UG/L AS MN)	8	500.00	<50.00	194.76	2.13	360.24	105.29	117.05	194.76	324.06	512.25	673.81
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1799.99	1799.99									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	6	50.00	<10.00	26.67	1.77	47.20	15.07	18.14	26.67	39.22	56.47	[illegible]

CORE-HOLE G-S 9 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	6	40.00	<10.00	14.14	1.79	25.24	7.92	9.56	14.14	20.92	29.74	36.71
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	4499.99	4499.99									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	8	14999.96	100.00	379.69	5.31	1480.56	97.37	123.06	379.69	1171.46	3226.54	5813.[illegible]
01105*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	600.00	<100.00	244.95	3.55	11568.05	5.19	104.15	244.95	576.08	1243.01	1968.[illegible]
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	8	<10.00	<10.00	<10.00	1.00							
01501*	GROSS ALPHA, DISSOLVED (PC/L)	6	11.00	2.80	6.28	1.60	10.02	3.94	4.58	6.28	8.61	11.44	13.[illegible]
03501	GROSS BETA, DISSOLVED (PC/L)	1	31.00	31.00									
32730*	PHENOLS (UG/L)	2	<1.00	<1.00	<1.00	1.00							
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	8	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	7	0.50	0.20	0.29	1.48	0.42	0.21	0.23	0.29	0.38	0.49	0.5[illegible]
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	7	1.60	<0.10	0.23	2.55	0.54	0.10	0.12	0.23	0.44	0.79	1.[illegible]
71[illegible]*	[illegible] (MG/L)	2	0.20	<0.10	0.14	1.63	0.63	0.03	0.10	0.14	0.20	0.27	0.[illegible]
71[illegible]*	MERCURY DISSOLVED (UG/L AS HG)	8	<10.00	<1.00	<3.76	2.94							

END OF CORE-HOLE G-S 9 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 7/12/75 THRU 11/10/76

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* -- ESTIMATE USING METHOD OF MOMENTS
[illegible] -- OF LOG TRANSFORM
[illegible] "MINERS.D" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-1 AQUIFER L METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	4	137.61	125.37	130.15	5.76	138.15	122.16	126.27	130.15	134.04	137.94	[illegible]
00011# TEMPERATURE, WATER (DEG. F)	4	59.90	53.60	55.92	2.79	59.79	52.06	54.04	55.92	57.81	59.80	[illegible]
00915 CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
00930* SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	5.00	7.07	1.63	31.42	1.59	5.08	7.07	9.84	13.25	15.84
00935* POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.01	0.22	14.28	28.49	0.00	0.04	0.22	1.30	6.81	[illegible]
00955* SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.01	[illegible]
01005 BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
01106* ALUMINUM (UG/L)	3	50.00	10.00	21.54	2.24	94.94	4.89	12.49	21.54	37.15	60.65	[illegible]
01020* BORON, DISSOLVED (UG/L AS B)	3	500.00	200.00	271.44	1.70	717.37	102.71	189.93	271.44	687.95	504.[illegible]	[illegible]
01040* COPPER, DISSOLVED (UG/L AS CU)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.68	2.15	5.[illegible]	11.[illegible]	[illegible]
01046* IRON, DISSOLVED (UG/L AS FE)	3	50.00	20.00	36.84	1.70	97.36	13.94	25.78	36.84	52.65	72.[illegible]	[illegible]
01049 LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
01056* MANGANESE, DISSOLVED (UG/L AS MN)	3	10.00	1.00	3.68	3.26	32.27	0.42	1.66	3.68	8.18	16.[illegible]	[illegible]
01080* STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01090 ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									
[illegible] TIN, DISSOLVED (UG/L AS SN)	1	1.00	1.00									

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CORE-HOLE TO-1 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.50	46.05
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									
09503	RADIUM (UG/L)	1	400.00	400.00									

END OF CORE-HOLE TO-1 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 07/14/75 THRU 11/10/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-1 ACUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00034	SAMPLE DEPTH, FEET	4	137.61	125.37	130.15	5.76	139.15	122.16	126.27	130.15	134.04	137.94	1 [illegible]
00011	TEMPERATURE, WATER (DEG. F)	4	59.90	53.60	55.92	2.79	59.79	52.06	54.04	55.92	57.81	59.80	[illegible]
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1891.00	1120.00	1397.31	1.25	1913.08	1020.60	1199.34	1397.31	1627.97	1887.79	[illegible]
00340	CHEMICAL OXYGEN DEMAND, LOW K2CR2O7	2	55.00	13.80	27.55	2.66	539.58	1.41	14.24	27.55	53.30	96.49	137.59
00400	PH (STANDARD UNITS)	4	7.80	6.90	7.25	0.40	7.81	6.69	6.98	7.25	7.52	7.77	7.91
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	4	960.00	299.00	673.36	1.74	1451.42	312.40	463.49	673.36	973.26	1362.74	1673.22
00440	BICARBONATE ION (MG/L AS HCO3)	4	1170.00	815.00	1003.01	1.20	1286.18	782.18	888.76	1003.01	1131.94	1261.38	1346.78
00445	CARBONATE ION (MG/L AS CO3)	4	100.00	<0.10	2.78	46.82	579.62	0.01	0.21	2.78	37.33	385.54	1067.57
70300	DISSOLVED SOLIDS (DRIED AT 180 DEG C, M	4	1320.00	970.00	1084.40	1.15	1314.33	894.70	987.59	1084.40	1190.70	1295.16	1361.96
00608	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.90	0.90									
00613	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.10	<0.02	0.04	3.12	1.43	0.00	0.02	0.04	0.10	0.19	0.2[illegible]
00623	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	4	14.00	7.10	10.27	1.43	16.95	6.22	8.05	10.27	13.10	16.31	18.60
00720	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00745	SULFIDE, DISSOLVED (MG/L AS S)	2	1.30	<0.10	0.36	6.13	89.87	0.00	0.11	0.36	1.25	3.69	7.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	3	125.00	60.00	90.86	1.46	181.36	45.52	70.48	90.86	117.12	147.17	168.71
00915	CALCIUM, DISSOLVED (MG/L AS CA)	4	15.00	8.20	10.97	1.30	15.74	7.64	9.20	10.97	13.07	15.31	16.83
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	21.00	9.60	15.27	1.40	24.44	9.54	12.15	15.27	19.20	23.38	26.37

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CORE-HOLE TO-1 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	500.00	360.00	416.51	1.16	511.69	339.04	376.84	416.51	460.35	503.71	541.58
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	4.50	1.10	2.22	2.71	46.09	0.11	1.14	2.22	4.36	7.33	11.45
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	23.00	5.40	10.37	1.82	23.76	4.53	6.93	10.37	15.52	22.31	27.71
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	155.00	15.00	32.84	2.87	142.11	7.59	16.10	32.84	66.95	127.06	186.33
00950*	FLUORIDE, TOTAL (MG/L AS F)	4	18.00	14.00	16.18	1.11	18.79	13.93	15.04	16.18	17.40	18.59	19.32
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	4	17.00	11.00	12.79	1.23	17.01	9.61	11.13	12.79	14.69	16.64	17.93
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	4	1000.00	300.00	556.63	1.76	1223.58	253.22	379.50	556.63	816.42	1152.15	1415.69
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	4	20.00	<10.00	11.89	1.41	19.24	7.35	9.41	11.89	15.03	18.54	21.08
01040*	COPPER, DISSOLVED (UG/L AS CU)	4	<100.00	<100.00	<100.00	1.00							
01045*	IRON, DISSOLVED (UG/L AS FE)	4	8500.00	60.00	450.83	9.90	10861.37	18.71	95.94	450.83	2118.52	8518.30	14477.13
01049*	LEAD, DISSOLVED (UG/L AS PB)	4	1000.00	60.00	200.62	3.56	1169.97	34.40	85.11	200.62	472.93	1022.57	1581.69
01055*	MANGANESE, DISSOLVED (UG/L AS MN)	4	80.00	<50.00	63.25	1.31	92.17	43.40	52.66	63.25	75.96	89.56	98.83
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	20.00	20.00	20.00	1.00	20.10	19.90	19.98	20.00	20.02	20.04	20.05

CORE-HOLE TO-1 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075* SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<10.00	<10.00	1.00							
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	1	400.00	400.00									
01090* ZINC, DISSOLVED (UG/L AS ZN)	4	800.00	<100.00	442.67	2.72	1776.13	110.33	225.24	442.67	870.00	1597.33	2657.20
01105 ALUMINUM, DISSOLVED (UG/L AS AL)	1	500.00	500.00									
01130* LITHIUM, DISSOLVED (UG/L AS LI)	2	<100.00	<100.00	<100.00	1.00							
01145* SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
01501* GROSS ALPHA, DISSOLVED (PC/L)	3	6.40	0.10	1.45	10.20	103.64	0.02	0.30	1.45	6.97	28.05	58.33
03501 GROSS BETA, DISSOLVED (PC/L)	1	14.00	14.00									
32730* PHENOLS (UG/L)	2	2.00	<1.00	1.41	1.63	6.28	0.32	1.02	1.41	1.97	2.65	3.17
70507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71846* NITROGEN, AMMONIA DISS (MG/L AS NH4)	3	0.90	0.20	0.48	2.18	1.99	0.11	0.28	0.48	0.81	1.29	1.71
71851* NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.40	0.10	0.16	2.23	0.69	0.04	0.09	0.16	0.27	0.44	0.59
71900* MERCURY (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71890* MERCURY DISSOLVED (UG/L AS HG)	4	<2.00	<1.00	<1.41	1.49							

END OF CORE-HOLE TO-1 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 07/14/75 THRU 11/10/76

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- LOG TRANSFORM
[illegible] "GROSS,D" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-L AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAM TYP	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00035	SAMPLE DEPTH, FEET	4	157.50	72.08	119.89	35.41	169.04	70.75	96.00	119.89	143.79	169.24	178.14
00114	TEMPERATURE, WATER (DEG. F)	4	56.30	48.20	52.25	3.33	56.87	47.63	50.00	52.25	54.50	56.52	57.72
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	99999.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	10.00	5.00	7.94	1.49	16.56	3.31	6.06	7.94	10.40	13.26	15.33
00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	5.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.01	5.01
01105	ALUMINUM (UG/L)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01020	BORON, DISSOLVED (UG/L AS B)	3	500.00	100.00	292.40	2.53	1611.92	53.04	156.17	292.40	547.49	903.33	1341.8
01040	COPPER, DISSOLVED (UG/L AS CU)	3	5.00	1.00	2.92	2.53	16.12	0.93	1.56	2.92	5.47	9.62	13.48
01046	IRON, DISSOLVED (UG/L AS FE)	3	50.00	10.00	21.54	2.24	94.94	4.89	12.49	21.54	37.15	60.65	81.33
01049	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
01056	MANGANESE, DISSOLVED (UG/L AS MN)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.28	11.84	19.14
01060	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	25.30	46.05
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	3	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
01090	ZINC, DISSOLVED (UG/L AS ZN)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
01130	LITHIUM, DISSOLVED (UG/L AS LI)	1	10.00	10.00									

CORE-HOLE TO-1 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF [illegible] THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]
01150 TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00								

END OF CORE-HOLE TO-1 AQUIFER L METHOD 3A SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/29/75 THRU 06/10/75

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* -- ESTIMATE USING METHOD OF MOMENTS
[illegible] -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-1 AQUIFER L METHOD 3A WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00002*	SAMPLE DEPTH, FEET	4	157.50	72.08	119.89	35.41	169.04	70.75	96.00	119.89	143.79	165.28	179.14
00011*	TEMPERATURE, WATER (DEG. F)	4	56.30	48.20	52.25	3.33	56.87	47.63	50.00	52.25	54.50	56.52	57.72
00095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	4	1390.00	1050.00	1176.07	1.13	1287.37	996.95	1085.27	1176.07	1274.47	1368.37	1429.47
00400*	PH (STANDARD UNITS)	4	7.80	6.40	7.15	0.60	7.98	6.32	6.75	7.15	7.55	7.92	8.13
00410*	ALKALINITY, TOTAL (MG/L AS CACO3)	4	480.00	323.00	411.24	1.18	520.12	325.15	366.34	411.24	461.00	510.87	548.24
00440*	BICARBONATE ION (MG/L AS HCO3)	4	440.00	350.00	401.06	1.10	459.94	349.71	375.21	401.06	429.69	455.15	471.76
00445*	CARBONATE ION (MG/L AS CO3)	4	180.00	40.00	88.19	1.86	208.44	37.31	58.04	88.19	133.99	195.19	244.43
00515*	DISSOLVED SOLIDS (RESIDUE AT 180 DEG C, M	4	830.00	680.00	744.76	1.10	854.06	649.44	696.77	744.76	796.04	845.18	876.00
00681*	CARBON, ORGANIC, DISS (MG/L AS C)	3	16.00	6.00	10.48	1.66	26.47	4.15	7.46	10.48	14.73	20.01	24.04
00720*	CYANIDE (MG/L AS CN)	4	<0.01	<0.01	<0.01	1.00							
00900*	HARDNESS, TOTAL (MG/L AS CACO3)	4	260.00	72.00	113.29	1.79	254.24	50.48	76.47	113.29	167.85	239.02	285.29
00915*	CALCIUM, DISSOLVED (MG/L AS CA)	4	16.00	5.00	10.05	1.66	20.30	4.97	7.14	10.05	14.15	19.24	23.13
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	54.00	12.00	20.64	1.97	52.74	8.08	13.09	20.64	32.57	49.09	62.75
00930*	SODIUM, DISSOLVED (MG/L AS NA)	4	290.00	210.00	249.57	1.14	300.79	207.07	227.91	249.57	273.28	296.53	311.37
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	4	36.00	5.60	15.41	2.18	45.46	5.23	9.11	15.41	26.08	41.96	55.54
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	4	300.00	60.00	104.87	2.07	287.86	38.21	64.18	104.87	171.36	266.50	347.04
00951*	FLUORIDE, TOTAL (MG/L AS F)	4	10.00	0.14	1.50	7.38	24.01	0.09	0.39	1.50	5.77	19.43	40.14

CORE-HOLE TO-1 AQUIFER L METHOD 3A — REPORT DATE 03/10/77

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00955* SILICA, DISSOLVED (MG/L AS SIO2)	4	4.70	<0.10	1.05	5.19	10.29	0.11	0.34	1.05	3.18	9.64	15.71
01000* ARSENIC, DISSOLVED (UG/L AS AS)	4	<10.00	<10.00	<10.00	1.00							
01005* BARIUM, DISSOLVED (UG/L AS BA)	4	<1000.00	<100.00	<562.34	3.16							
01010* BERYLLIUM, DISSOLVED (UG/L AS BE)	4	6999.99	70.00	992.46	7.73	16957.11	58.09	249.61	992.46	3946.02	13652.64	23[illegible].41
01025* CADMIUM, DISSOLVED (UG/L AS CD)	4	<10.00	<10.00	<10.00	1.00							
01030* CHROMIUM, DISSOLVED (UG/L AS CR)	4	<50.00	<10.00	<14.95	2.24							
01040* COPPER, DISSOLVED (UG/L AS CU)	4	200.00	<100.00	118.92	1.41	192.39	73.51	94.11	118.92	150.26	190.45	21[illegible]
01046* IRON, DISSOLVED (UG/L AS FE)	4	9899.99	2199.99	4148.57	1.88	9978.85	1724.70	2707.22	4148.57	6357.25	9331.[illegible]	117[illegible]
01049* LEAD, DISSOLVED (UG/L AS PB)	4	800.00	90.00	194.80	2.74	787.22	48.20	98.77	194.80	384.19	707.[illegible]	1[illegible]
01056* MANGANESE, DISSOLVED (UG/L AS MN)	4	200.00	60.00	96.41	1.67	197.16	47.15	68.08	96.41	136.53	190.[illegible]	[illegible]
01060* NICKEL, DISSOLVED (UG/L AS NI)	4	30.00	10.00	18.61	1.58	35.05	9.88	13.68	18.61	25.32	35.40	49.41
01075* SILVER, DISSOLVED (UG/L AS AG)	4	<10.00	<10.00	<10.00	1.00							
01090* ZINC, DISSOLVED (UG/L AS ZN)	4	3199.99	600.00	979.79	2.23	2976.67	322.51	570.75	979.79	1682.01	2734.49	3[illegible]
01105 ALUMINUM, DISSOLVED (UG/L AS AL)	1	1600.00	1600.00									
01145* SELENIUM, DISSOLVED (UG/L AS SE)	4	<10.00	<10.00	<10.00	1.00							
03515 GROSS ALPHA, SUSPENDED (PC/L)	3	4.00	1.40	2.12	1.75	5.91	0.76	1.45	2.12	3.09	4.[illegible]	5.31
03520 GROSS BETA, DISSOLVED (PC/L)	4	280.00	124.00	179.55	1.69	883.10	36.51	126.10	179.55	255.66	351.30	424.[illegible]

CORE-HOLE TO-1 AQUIFER L METHOD 3A — REPORT DATE 03/10/77

WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
70 507* PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	4	<0.10	<0.10	<0.10	1.00							
71 [illegible]* NITROGEN, AMMONIA DISS (MG/L AS NH4)	4	0.80	<0.10	0.33	2.44	1.14	0.10	0.18	0.33	0.60	1.04	1.44
71 551* NITROGEN, NITRATE DISS (MG/L AS NO3)	4	0.50	<0.10	0.18	2.14	0.51	0.06	0.11	0.18	0.30	0.47	[illegible]
71 [illegible]* MOLYBDENUM DISSOLVED (UG/L AS MO)	4	<10.00	<10.00	<10.00	1.00							

[illegible] CORE-HOLE TO-1 AQUIFER L METHOD 3A WET SAMPLES REPORTING PERIOD IS 03/29/75 THRU 06/10/75

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* -- ESTIMATE USING METHOD OF MOMENTS
+ -- NO LOG TRANSFORM
[illegible] OF MORE THAN "MAJOR" CONCENTRATIONS

42CASA-2 REPORT DATE 03/10/77

CORE-HOLE.TC-1 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SAMPLE DEPTH, FEET	7	26.90	20.53	24.10	2.25	26.11	22.08	22.58	24.10	25.62	26.[illegible]	27.[illegible]
[illegible]	TEMPERATURE, WATER (DEG. F)	7	5o.30	46.40	50.51	4.07	54.15	46.88	47.77	50.51	53.26	[illegible].73	[illegible].21
[illegible]	CALCIUM, DISSOLVED (MG/L AS CA)	6	99999.00	99999.00									
[illegible]	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	99999.00	99999.00									
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	6	99999.00	5.00	8.41	1.41	13.60	5.20	6.65	8.41	10.63	13.11	[illegible]
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	6	2.00	0.01	0.58	7.55	4.41	0.08	0.15	0.58	2.29	7.[illegible]1	[illegible].21
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	6	5.00	5.00	5.00	1.00	5.01	4.99	4.99	5.00	5.01	5.[illegible]1	[illegible].1
[illegible]	BARIUM, DISSOLVED (UG/L AS BA)	1	1.00	1.00									
[illegible]	ALUMINUM (UG/L)	6	200.00	10.00	54.07	2.71	146.19	20.00	27.61	54.07	105.88	19[illegible].77	[illegible].1[illegible]
[illegible]	BORON, DISSOLVED (UG/L AS B)	6	500.00	200.00	429.19	1.45	623.60	295.38	333.43	429.19	552.44	69[illegible].[illegible]	7[illegible].[illegible]
[illegible]	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	4.29	2.15	9.22	2.00	2.56	4.29	7.20	11.[illegible]	[illegible].[illegible]
[illegible]	IRON, DISSOLVED (UG/L AS FE)	6	100.00	10.00	31.62	2.31	72.86	13.72	17.99	31.62	55.58	92.[illegible]	1[illegible].[illegible]
[illegible]	LEAD, DISSOLVED (UG/L AS PB)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.[illegible]	1.[illegible]
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	6	10.00	1.00	4.82	2.32	11.17	2.08	2.73	4.82	8.50	14.17	1[illegible].[illegible]
[illegible]	MOLYBDENUM, DISS (UG/L AS MO)	4	5.00	1.00	1.50	2.24	4.57	0.49	0.87	1.50	2.57	4.20	5.62
[illegible]	STRONTIUM, DISSOLVED (UG/L AS SR)	6	100.00	100.00	100.00	1.00	100.49	99.51	99.67	100.00	100.33	100.[illegible]	1[illegible].[illegible]
[illegible]	ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									

H2OOASA-2

CORE-HOLE TO-1 AQUIFER U METHOD 3 REPORT DATE 03/10/77

SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01130* LITHIUM, DISSOLVED (UG/L AS LI)	5	10.00	1.00	3.98	3.53	16.97	0.98	1.70	3.98	9.33	20.05	31.70
01150* TITANIUM, DISSOLVED (UG/L AS TI)	4	10.00	1.00	2.66	3.20	13.38	0.58	1.21	2.66	5.93	11.4	17.05

END OF CORE-HOLE TO-1 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/28/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS

$ -- NO LOG TRANSFORM

VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

REPORT DATE 03/10/77

CORE-HOLE-TO-1 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY (F OR LESS THAN OR EQUAL TO VALUE LISTED) 25%	50%	75%	95%	99%
SAMPLE DEPTH, FEET	7	26.90	20.53	24.10	2.25	26.11	22.08	22.58	24.10	25.62	[illegible]	[illegible]
TEMPERATURE, WATER (DEG. F)	7	56.30	46.40	50.51	4.07	54.19	46.88	47.77	50.51	53.26	[illegible]	[illegible]
CONDUCTIVITY (UMHOS AT 25 DEG C)	7	1065.00	810.00	889.75	1.10	967.08	818.61	835.49	889.75	947.54	1032.71	[illegible]
CHEMICAL OXYGEN DEMAND, .25 N K2CR2O7	6	275.00	44.00	110.00	3.65	5671.84	2.13	45.87	110.00	263.79	[illegible]	[illegible]
PH (STANDARD UNITS)	7	7.80	6.00	7.07	0.59	7.59	6.55	6.68	7.07	7.47	[illegible]	[illegible]
ALKALINITY, TOTAL (MG/L AS CACO3)	7	370.00	85.00	197.17	1.93	354.46	109.68	126.62	197.17	307.04	[illegible]	[illegible]
BICARBONATE ION (MG/L AS HCO3)	7	435.00	98.00	218.66	1.86	380.62	125.62	143.88	218.66	332.31	[illegible]	[illegible]
CARBONATE ION (MG/L AS CO3)	7	110.00	<0.10	5.76	18.33	77.50	0.43	0.81	5.76	41.00	[illegible]	[illegible]
DISSOLVED SOLIDS (RDE AT 178 DEG C, M	7	900.00	540.00	634.76	1.22	755.85	533.06	556.35	634.76	724.21	[illegible]	[illegible]
NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	1.30	1.30									
NITROGEN, NITRITE, DISSOLV (MG/L AS N)	6	0.40	<0.02	0.09	8.32	56.33	0.00	0.02	0.09	0.37	[illegible]	[illegible]
CARBON, ORGANIC, [illegible]	6	21.00	4.70	13.26	1.77	23.40	7.12	9.04	13.26	17.48	[illegible]	[illegible]
CYANIDE (MG/L AS CN)	7	0.08	<0.01	0.01	2.19	0.03	0.01	0.01	0.01	0.02	[illegible]	[illegible]
SULFIDE, DISSOLVED (MG/L AS S)	3	26.00	1.60	5.11	4.27	73.49	0.35	1.92	5.11	13.60	[illegible]	[illegible]
HARDNESS, TOTAL (MG/L AS CACO3)	6	235.00	36.00	109.31	1.90	207.92	57.46	70.79	109.31	168.78	249.46	315.12
CALCIUM, DISSOLVED (MG/L AS CA)	7	28.00	6.60	12.06	1.74	19.81	7.34	8.29	12.06	17.54	24.67	[illegible]
[illegible] SIUM, DISSOLVED (MG/L AS MG)	7	45.00	3.90	20.67	2.37	44.65	9.57	11.56	20.67	38.47	[illegible]	[illegible]

CORE-HOLE TC-1 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	[illegible]
00930*	SODIUM, DISSOLVED (MG/L AS NA)	7	240.00	140.00	177.19	1.21	209.93	149.52	155.86	177.19	201.43	226.05	247.19
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	2	1.70	1.00	1.30	1.46	4.08	0.42	1.01	1.30	1.68	2.11	2.42
00940*	CHLORIDE, DISSOLVED (MG/L AS CL)	7	41.00	9.50	18.39	1.97	33.71	10.03	11.63	18.39	29.06	43.35	[illegible]
00945*	SULFATE, DISSOLVED (MG/L AS SO4)	7	275.00	110.00	195.43	1.40	263.17	145.13	156.10	195.43	244.68	299.47	[illegible]
00950*	FLUORIDE, TOTAL (MG/L AS F)	7	1.70	0.60	1.03	1.52	1.51	0.71	0.78	1.03	1.37	1.77	[illegible]
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	7	18.00	0.40	3.69	5.11	15.87	0.86	1.23	3.69	11.11	29.81	[illegible]
01000*	ARSENIC, DISSOLVED (UG/L AS AS)	7	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	5	<1000.00	<1000.00	<1000.00	1.00							
01020*	BORON, DISSOLVED (UG/L AS B)	7	1100.00	10.00	151.69	7.53	921.96	24.96	38.83	151.69	592.64	2018.41	[illegible]
01025*	CADMIUM, DISSOLVED (UG/L AS CD)	7	<10.00	<10.00	<10.00	1.00							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	7	50.00	<10.00	15.84	2.19	31.96	7.85	9.32	15.84	26.91	43.35	[illegible]
01040*	COPPER, DISSOLVED (UG/L AS CU)	7	190.00	<100.00	109.60	1.27	136.14	98.24	93.05	109.60	129.10	148.37	[illegible]
01046*	IRON, DISSOLVED (UG/L AS FE)	7	8699.99	<50.00	2187.12	6.64	11884.86	402.49	609.20	2187.12	7852.07	24784.11	[illegible]
01049*	LEAD, DISSOLVED (UG/L AS PB)	7	3599.99	10.00	278.69	6.71	1528.25	50.82	77.05	278.69	1007.43	3199.58	[illegible]
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	7	1000.00	50.00	296.53	2.89	765.24	114.90	144.93	296.53	606.70	1154.95	1697.32
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
01065*	NICKEL, DISSOLVED (UG/L AS NI)	5	100.00	20.00	34.38	1.94	73.84	16.00	21.94	34.38	53.85	80.62	[illegible]

CORE-HOLE TC-1 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01075*	SILVER, DISSOLVED (UG/L AS AG)	5	<10.00	<10.00	<10.00	1.00							
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	2799.99	2799.99									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	7	2000.00	<100.00	514.93	2.76	1274.73	208.01	259.70	514.93	1020.99	1388.[illegible]	[illegible]
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	500.00	<100.00	223.61	3.12	7133.66	7.01	103.72	223.61	482.06	981.[illegible]	1493.[illegible]
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	7	<10.00	<10.00	<10.00	1.00							
01501*	GROSS ALPHA, DISSOLVED (PC/L)	6	4.90	0.30	1.29	2.88	3.72	0.45	0.63	1.29	2.64	5.02	7.37
01502*	GROSS BETA, DISSOLVED (PC/L)	3	18.00	5.00	9.97	1.91	32.66	3.04	6.44	9.97	15.42	22.32	28.89
01565*	PHENOLS (UG/L)	2	44.00	<1.00	6.63	14.52	22783.04	0.00	1.09	6.63	40.38	204.89	541.22
01665*	PHOSPHORUS, TOTAL METHD (MG/L AS P)	7	<0.10	<0.10	<0.10	1.00							
01745*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	6	0.30	<0.10	0.41	2.21	0.90	0.19	0.24	0.41	0.76	1.14	[illegible]
01750*	NITROGEN, NITRATE DISS (MG/L AS NO3)	6	1.10	0.10	0.21	2.67	0.56	0.08	0.11	0.21	0.41	0.74	1.06
01751*	NITRIDE (MG/L)	2	<0.10	<0.02	<0.04	3.12							
71900*	MERCURY DISSOLVED (UG/L AS HG)	7	<10.00	<1.00	<3.27	2.95							

[illegible] OF CORE-HOLE TC-1 . AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 04/28/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
[illegible] -- NO USE TRANSFORM
[illegible] "99999.0" ARE "MAJOR" CONCENTRATIONS

TOSE-HOLE TO-2 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	SPECTROGRAPHIC SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SAMPLE DEPTH, FEET	9	366.86	340.36	356.12	7.33	361.64	350.59	351.17	356.12	361.06	365.51	368.17
[illegible]	TEMPERATURE, WATER (DEG. F)	9	63.00	53.60	57.93	2.86	60.09	55.78	56.00	57.93	59.86	61.80	62.64
[illegible]	CALCIUM, DISSOLVED (MG/L AS CA)	7	99999.00	10.00									
[illegible]	MAGNESIUM, DISSOLVED (MG/L AS MG)	8	99999.00	99999.00									
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	8	99999.00	5.00	5.74	1.36	8.20	4.02	4.66	5.74	7.03	8.55	[illegible]
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	8	5.00	0.01	0.52	7.01	2.52	0.11	0.14	0.52	1.92	6.25	12.73
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	8	10.00	2.00	4.86	1.54	6.92	3.42	3.53	4.86	6.51	8.47	9.32
[illegible]	[illegible]ARIUM, DISSOLVED (UG/L AS BA)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	29.00	45.[illegible]
[illegible]	ALUMINUM (UG/L)	8	100.00	1.00	35.46	5.17	135.24	9.30	11.71	35.46	107.42	291.01	5[illegible]
[illegible]	[illegible]ORON, DISSOLVED (UG/L AS B)	8	500.00	100.00	258.60	1.81	419.76	159.31	173.16	258.60	386.19	555.89	[illegible]
[illegible]	CADMIUM, DISSOLVED (UG/L AS CD)	1	99999.00	99999.00									
[illegible]	[illegible]OPPER, DISSOLVED (UG/L AS CU)	8	10.00	1.00	5.16	2.83	12.04	2.21	2.56	5.16	10.41	[illegible]	[illegible]
[illegible]	IRON, DISSOLVED (UG/L AS FE)	8	100.00	10.00	38.67	2.27	75.43	19.82	22.24	38.67	67.24	110.[illegible]	[illegible]
[illegible]	LEAD, DISSOLVED (UG/L AS PB)	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.[illegible]	1.[illegible]
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	7	100.00	5.00	11.40	2.75	28.16	4.61	5.76	11.40	22.57	41.71	60.22
[illegible]	MOLYBDENUM, DISS (UG/L AS MO)	5	20.00	1.00	1.82	3.82	8.50	0.39	0.74	1.82	4.50	10.14	16.49
[illegible]	SILVER, DISSOLVED (UG/L AS AG)	1	0.10	0.10									

H2COASA-2 REPORT DATE 03/10/77

CORE-HOLE TC-2 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF VALUE LESS THAN OR EQUAL TO 25%	50%	75%	90%	95%
C1090*	STRONTIUM, DISSOLVED (UG/L AS SR)	8	100.00	100.00	100.00	1.01	100.48	99.52	99.60	100.00	100.40	100.76	1[illegible]
C1090	ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									
C1130*	LITHIUM, DISSOLVED (UG/L AS LI)	7	10.00	1.00	3.73	3.42	11.20	1.24	1.62	3.73	8.56	1[illegible]	[illegible]
C1150*	TITANIUM, DISSOLVED (UG/L AS TI)	5	10.00	1.00	1.58	2.80	5.18	0.49	0.79	1.58	3.18	5.[illegible]	[illegible]
C9503	RADIUM (UG/L)	1	200.00	200.00									
C2703	URANIUM (UG/L)	1	<1500.00	<1500.00									

END OF CORE-HOLE TC-2 AQUIFER L METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/24/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS

8 -- NO LOG TRANSFORM

VALUES OF "999999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-2 AQUIFER L METHOD 3

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
C0002#	SAMPLE DEPTH, FEET	9	366.86	340.36	356.12	7.33	361.64	350.59	351.17	356.12	361.06	365.51	368.17
00011#	TEMPERATURE, WATER (DEG. F)	9	63.00	53.60	57.93	2.86	60.09	55.78	56.00	57.93	59.86	61.60	62.04
C0095*	CONDUCTIVITY (UMHOS AT 25 DEG C)	9	1910.00	945.00	1154.47	1.22	1339.67	994.86	1010.49	1154.47	1318.95	1486.79	1597.20
C0340*	CHEMICAL OXYGEN DEMAND, .25 N K2CR07	2	25.00	17.00	20.62	1.31	47.27	8.99	17.15	20.62	24.78	29.24	32.29
C0400#	PH (STANDARD UNITS)	9	7.60	6.00	6.99	0.51	7.37	6.60	6.64	6.99	7.33	7.64	7.83
C0410*	ALKALINITY, TOTAL (MG/L AS CACO3)	9	849.00	280.00	393.44	1.43	513.99	301.16	309.71	393.44	499.80	619.79	704.90
C0440*	BICARBONATE ION (MG/L AS HCO3)	9	990.00	275.00	415.43	1.47	555.06	310.92	320.51	415.43	538.46	679.92	781.71
00445*	CARBONATE ION (MG/L AS CO3)	9	120.00	36.00	57.25	1.56	79.96	40.98	42.44	57.25	77.21	101.05	118.69
C0540*	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	9	1250.00	625.00	840.54	1.25	995.98	709.36	722.08	840.54	978.43	1121.64	1217.11
C0605	NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.40	0.40									
C0613*	NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.40	<0.02	0.09	8.32	56.33	0.00	0.02	0.09	0.37	1.35	2.92
C0671*	CARBON, ORGANIC, DIS* (MG/L AS C)	8	17.00	7.00	10.86	1.46	14.76	8.00	8.43	10.86	14.00	17.59	20.16
C0720*	CYANIDE (MG/L AS CN)	9	0.08	<0.01	0.01	2.00	0.02	0.01	0.01	0.01	0.02	0.03	0.04
00746*	SULFIDE, DISSOLVED (MG/L AS S)	2	3.20	1.30	2.04	1.89	14.17	0.29	1.33	2.04	3.14	4.62	5.82
C0900*	HARDNESS, TOTAL (MG/L AS CACO3)	8	240.00	110.00	201.02	1.30	248.57	162.56	168.61	201.02	239.65	280.69	308.52
C0915*	CALCIUM, DISSOLVED (MG/L AS CA)	9	21.00	4.90	9.18	1.75	14.01	6.01	6.28	9.18	13.41	18.95	23.12
C0925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	9	54.00	15.00	41.96	1.51	57.11	30.82	31.84	41.96	55.30	70.88	82.23

CORE-HOLE TO-2 AQUIFER L METHOD 3 REPORT DATE 03/10/77

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	9	400.00	180.00	237.04	1.39	303.06	185.41	190.24	237.04	295.36	359.33	403.15
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	4	2.00	1.00	1.41	1.63	6.28	0.52	1.02	1.41	1.97	2.05	3.17
[illegible]	CHLORIDE, DISSOLVED (MG/L AS CL)	9	21.00	9.60	13.85	1.30	16.86	11.38	11.62	13.85	16.52	19.35	21.27
[illegible]	SULFATE, DISSOLVED (MG/L AS SO4)	9	320.00	140.00	242.04	1.31	297.00	197.25	201.52	242.04	290.70	342.76	374.24
[illegible]	FLUORIDE, TOTAL (MG/L AS F)	9	12.00	0.70	1.68	2.62	3.46	0.81	0.88	1.68	3.21	5.70	8.14
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	9	14.00	0.60	2.37	2.83	5.19	1.08	1.17	2.37	4.78	8.99	13.11
[illegible]	ARSENIC, DISSOLVED (UG/L AS AS)	9	<10.00	<10.00	<10.00	1.00							
[illegible]	BARIUM, DISSOLVED (UG/L AS BA)	7	<1000.00	<1000.00	<1000.00	1.00							
[illegible]	BORON, DISSOLVED (UG/L AS B)	9	3099.99	<10.00	293.91	5.59	1075.96	80.29	91.98	293.91	939.17	2689.01	4[illegible]
[illegible]	CADMIUM, DISSOLVED (UG/L AS CD)	9	<10.00	<1.00	<7.74	2.15							
[illegible]	CHROMIUM, DISSOLVED (UG/L AS CR)	9	<50.00	<10.00	<14.59	1.84							
[illegible]	COPPER, DISSOLVED (UG/L AS CU)	9	[illegible]00.00	<100.00	122.03	1.50	165.97	89.72	92.66	122.03	160.70	205.[illegible]	[illegible]
[illegible]	IRON, DISSOLVED (UG/L AS FE)	9	6899.99	<50.00	1195.63	6.43	4961.25	294.07	340.62	1195.63	4196.86	12981.[illegible]	[illegible]
[illegible]	LEAD, DISSOLVED (UG/L AS PB)	9	500.00	3.00	127.76	4.87	421.27	38.75	43.91	127.76	371.77	971.43	1[illegible]
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	9	140.00	<50.00	61.65	1.40	79.66	47.71	49.01	61.65	77.55	95.33	107.35
[illegible]	MOLYBDENUM, DISS (UG/L AS MO)	1	<100.00	<100.00									
[illegible]	NICKEL, DISSOLVED (UG/L AS NI)	7	30.00	2.00	13.81	2.49	31.21	6.11	7.47	13.81	25.56	44.48	61.9[illegible]

CORE-HOLE TD-2 AQUIFER L METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01079*	SILVER, DISSOLVED (UG/L AS AG)	7	<10.00	2.00	7.95	1.84	13.69	4.81	5.27	7.95	11.53	17.34	21.61
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	200.00	200.00									
01090*	ZINC, DISSOLVED (UG/L AS ZN)	9	2300.00	<100.00	359.12	2.65	748.07	172.40	186.18	359.12	692.70	1250.58	1783.52
01105*	ALUMINUM, DISSOLVED (UG/L AS AL)	2	200.00	100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.98	285.10	318.72
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	2	300.00	<100.00	173.20	2.17	1841.14	16.29	102.52	173.20	292.61	468.89	621.19
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	9	<10.00	<10.00	<10.00	1.00							
03501*	GROSS ALPHA, DISSOLVED (PC/L)	8	6.30	0.70	2.26	2.07	4.08	1.25	1.38	2.26	3.68	5.73	7.46
03502*	GROSS BETA, DISSOLVED (PC/L)	4	830.00	6.00	48.06	8.10	877.16	2.63	11.70	48.06	197.31	702.67	1531.74
32730*	PHENOLS (UG/L)	2	166.00	<1.00	12.88	37.14770209.31		0.00	1.12	12.88	147.81	1326.17	4926.00
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	9	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	8	1.40	<0.10	0.31	2.30	0.62	0.16	0.18	0.31	0.55	0.91	1.24
71851*	NITROGEN, NITRATE DISS (MG/L AS NO3)	9	0.40	<0.10	0.16	1.82	0.25	0.10	0.11	0.16	0.24	0.34	0.43
71872*	BORON (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71890*	MERCURY DISSOLVED (UG/L AS HG)	9	<10.00	1.00	2.71	2.78	5.87	1.26	1.36	2.71	5.41	10.08	14.61

END OF CORE-HOLE TD-2 AQUIFER L METHOD 3 WET SAMPLES REPORTING PERIOD IS 03/24/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS

$ -- NO LOG TRANSFORM

[illegible] ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-2 AQUIFER U METHOD 3 REPORT DATE 03/10/77 PAGE 091

SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00034	SAMPLE DEPTH, FEET	7	119.60	111.42	115.53	2.94	118.15	112.90	113.55	115.53	117.51	119.28	[illegible]
00011#	TEMPERATURE, WATER (DEG. F)	7	56.60	50.00	52.67	2.33	54.75	50.59	51.10	52.67	54.24	55.65	56.37
00916*	CALCIUM, DISSOLVED (MG/L AS CA)	6	99999.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
00925*	MAGNESIUM, DISSOLVED (MG/L AS MG)	6	99999.00	10.00	10.00	1.00	10.07	9.93	9.98	10.00	10.02	10.03	10.04
00930*	SODIUM, DISSOLVED (MG/L AS NA)	6	99999.00	5.00	8.41	1.41	13.60	5.20	6.65	8.41	10.63	13.11	14.37
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	6	2.00	0.01	0.52	7.07	3.68	0.07	0.14	0.52	1.99	3.40	13.04
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	6	5.00	2.00	3.68	1.61	5.91	2.30	2.68	3.68	5.07	6.79	[illegible]
01105*	ALUMINUM (UG/L)	6	500.00	5.00	48.17	5.38	258.57	8.98	15.48	48.17	148.94	416.83	[illegible]
01020*	BORON, DISSOLVED (UG/L AS B)	6	500.00	200.00	316.23	1.65	522.05	191.55	225.37	316.23	443.72	601.72	721.99
01040*	COPPER, DISSOLVED (UG/L AS CU)	6	10.00	1.00	4.64	3.28	15.22	1.42	2.08	4.64	10.36	21.32	[illegible]
01046*	IRON, DISSOLVED (UG/L AS FE)	6	100.00	10.00	31.62	2.91	92.07	10.86	15.36	31.62	65.10	124.62	183.71
01049*	LEAD, DISSOLVED (UG/L AS PB)	1	1.00	1.00									
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	5	10.00	5.00	8.71	1.36	12.43	6.10	7.06	8.71	10.73	12.95	14.57
01060*	MOLYBDENUM, DISS (UG/L AS MO)	2	10.00	1.00	3.16	5.09	448.23	0.02	1.05	3.16	9.49	29.50	46.09
01075	SILVER, DISSOLVED (UG/L AS AG)	1	1.00	1.00									
01080*	STRONTIUM, DISSOLVED (UG/L AS SR)	6	100.00	100.00	100.00	1.00	100.49	99.51	99.67	100.00	100.33	100.63	100.81
01090	ZINC, DISSOLVED (UG/L AS ZN)	1	1.00	1.00									

CORE-HOLE TO-2 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
01130 LITHIUM, DISSOLVED (UG/L AS LI)	4	10.00	1.00	5.62	3.16	27.80	1.14	2.59	5.62	12.23	24.60	37.[illegible]
01150 TITANIUM, DISSOLVED (UG/L AS TI)	3	10.00	1.00	2.15	3.78	24.77	0.19	0.88	2.15	5.26	11.84	[illegible]

NO OF CORE-HOLE TO-2 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 04/28/75 THRU 11/12/76

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* = STATISTICS USING METHOD OF MOMENTS
- = NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-2 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
SAMPLE DEPTH, FEET	7	119.60	111.42	115.53	2.94	118.15	112.90	113.55	115.53	117.51	119.29	120.26
TEMPERATURE, WATER (DEG. F)	7	56.60	50.00	52.67	2.33	54.75	50.59	51.10	52.67	54.24	55.65	[illegible]
CONDUCTIVITY (UMHOS AT 25 DEG C)	7	1430.00	1200.00	1367.93	1.06	1443.69	1286.14	1313.36	1367.93	1424.76	1477.[illegible]	151[illegible]
CHEMICAL OXYGEN DEMAND, .25 N K2CRO7	2	105.00	9.80	32.08	5.35	5274.41	0.20	10.34	32.08	99.50	275.35	[illegible]
PH (STANDARD UNITS)	6	7.00	6.20	6.67	0.27	6.94	6.39	6.48	6.67	6.85	7.02	7.1[illegible]
ALKALINITY, TOTAL (MG/L AS CACO3)	7	490.00	410.00	453.49	1.07	480.30	428.17	434.24	453.49	473.59	492.43	[illegible]
BICARBONATE ION (MG/L AS HCO3)	7	600.00	500.00	553.28	1.07	586.74	521.73	529.29	553.28	578.37	601.[illegible]	615.4[illegible]
CARBONATE ION (MG/L AS CO3)	7	6.00	<0.10	0.18	4.70	0.72	0.05	0.06	0.18	0.51	1.31	[illegible]
DISSOLVED SOLIDS (DRIED AT 178 DEG C, M	7	1230.00	760.00	966.21	1.16	1106.06	844.05	872.45	966.21	1070.05	1176.[illegible]	1[illegible]
NITROGEN, AMMONIA, DISSOLVED(MG/L AS N)	1	0.50	0.50									
NITROGEN, NITRITE, DISSOLVED(MG/L AS N)	2	0.20	<0.02	0.06	5.09	8.96	0.00	0.02	0.06	0.10	0.51	[illegible]
CARBON, ORGANIC, DISS (MG/L AS C)	6	9.00	5.00	6.56	1.28	8.41	5.12	5.55	6.56	7.76	9.03	[illegible]
CYANIDE (MG/L AS CN)	7	0.02	<0.01	0.01	1.30	0.01	0.01	0.01	0.01	0.01	0.02	[illegible]
SULFIDE, DISSOLVED (MG/L AS S)	2	3.50	<0.10	0.59	12.35	1241.92	0.00	0.11	0.59	3.23	14.[illegible]	[illegible]
HARDNESS, TOTAL (MG/L AS CACO3)	6	530.00	400.00	433.80	1.11	481.06	391.18	404.52	433.80	465.19	495.36	514.32
CALCIUM, DISSOLVED (MG/L AS CA)	7	110.00	19.00	59.77	1.96	109.06	32.76	37.96	59.77	94.13	141.[illegible]	1[illegible].77
MAGNESIUM, DISSOLVED (MG/L AS MG)	7	88.00	30.00	60.98	1.43	83.90	44.52	47.92	60.98	77.59	[illegible].47	1[illegible]

CORE-HOLE TO-2 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
SODIUM, DISSOLVED (MG/L AS NA)	7	250.00	170.00	197.94	1.13	221.14	177.17	182.04	197.94	215.22	232.04	242.73
POTASSIUM, DISSOLVED (MG/L AS K)	2	2.00	1.10	1.48	1.53	5.37	0.41	1.12	1.48	1.97	2.35	2.97
CHLORIDE, DISSOLVED (MG/L AS CL)	7	87.00	9.60	17.46	2.17	34.87	8.74	10.35	17.46	29.43	47.38	61.35
SULFATE, DISSOLVED (MG/L AS SO4)	7	390.00	200.00	311.08	1.25	378.93	255.37	268.01	311.08	361.06	412.22	447.24
FLUORIDE, TOTAL (MG/L AS F)	7	0.50	0.10	0.23	1.70	0.37	0.14	0.16	0.23	0.33	0.45	0.54
SILICA, DISSOLVED (MG/L AS SIO2)	7	40.00	35.00	36.95	1.06	38.84	35.15	35.58	36.95	38.37	39.70	40.61
ARSENIC, DISSOLVED (UG/L AS AS)	7	20.00	<10.00	11.04	1.30	13.95	8.74	9.25	11.04	13.18	15.45	16.93
BARIUM, DISSOLVED (UG/L AS BA)	5	<1000.00	<1000.00	<1000.00	1.00							
BORON, DISSOLVED (UG/L AS B)	7	400.00	80.00	189.08	1.97	346.38	103.21	119.71	189.08	298.66	450.50	578.45
CADMIUM, DISSOLVED (UG/L AS CD)	7	<10.00	<10.00	<10.00	1.00							
CHROMIUM, DISSOLVED (UG/L AS CR)	7	<50.00	<10.00	<15.84	2.19							
COPPER, DISSOLVED (UG/L AS CU)	7	500.00	100.00	138.95	1.86	242.04	79.77	91.38	138.95	211.29	304.00	363.87
IRON, DISSOLVED (UG/L AS FE)	7	16599.96	<50.00	3259.67	8.37	21774.04	487.98	776.90	3259.67	13676.62	49664.02	103330.31
LEAD, DISSOLVED (UG/L AS PB)	7	1600.00	70.00	334.68	3.65	1064.46	105.25	139.70	334.68	801.84	1759.17	3614.29
MANGANESE, DISSOLVED (UG/L AS MN)	7	300.00	100.00	191.95	1.38	256.59	143.59	154.17	191.95	238.98	291.05	327.46
MERCURY (TOTAL, CVAS (UG/L AS HG)	1	<100.00	<100.00									
NICKEL, DISSOLVED (UG/L AS NI)	5	40.00	20.00	22.97	1.36	32.81	16.08	18.64	22.97	28.32	34.18	38.48

CORE-HOLE TO-2 AQUIFER U METHOD 3 REPORT DATE 03/10/77

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	
SILVER, DISSOLVED (UG/L AS AG)	5	<10.00	<10.00	<10.00	1.00							
STRONTIUM, DISSOLVED (UG/L AS SR)	1	5199.98	5199.98									
ZINC, DISSOLVED (UG/L AS ZN)	7	1000.00	<100.00	371.25	2.18	743.97	185.26	219.63	371.25	627.52	1000.17	1
ALUMINUM, DISSOLVED (UG/L AS AL)	1	100.00	100.00									
LITHIUM, DISSOLVED (UG/L AS LI)	2	1000.00	<100.00	316.23	5.09	44822.67	2.23	105.37	316.23	949.06	2548.51	4
SELENIUM, DISSOLVED (UG/L AS SE)	7	<10.00	<10.00	<10.00	1.00							
GROSS ALPHA, DISSOLVED (PC/L)	6	19.00	1.90	4.44	2.22	9.86	2.00	2.59	4.44	7.61	12.35	1
GROSS BETA, DISSOLVED (PC/L)	2	13.00	4.00	7.21	2.30	91.06	0.57	4.11	7.21	12.66	20.[illegible]	[illegible]
PHENOLS (UG/L)	2	15.00	<1.00	3.87	6.79	1313.42	0.01	1.06	3.87	14.11	45.10	[illegible]
PHOSPHORUS, TOTAL (MG/L AS P)	7	0.30	<0.10	0.12	1.51	0.17	0.08	0.09	0.12	0.15	0.20	[illegible]
NITROGEN, AMMONIA DISS (MG/L AS NH4)	6	1.20	<0.10	0.40	2.32	0.92	0.17	0.23	0.40	0.70	1.17	1.[illegible]
NITROGEN, NITRATE DISS (MG/L AS NO3)	6	3.00	<0.10	0.46	3.75	1.74	0.12	0.19	0.46	1.13	2.[illegible]	[illegible]
FLUORIDE (MG/L)	2	0.20	<0.10	0.14	1.63	0.63	0.03	0.10	0.14	0.20	0.27	[illegible]
MERCURY DISSOLVED (UG/L AS HG)	7	<10.00	<1.00	<3.27	2.95							

END OF CORE-HOLE TO-2 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 04/28/75 THRU 11/12/76

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* -- ESTIMATE USING METHOD OF MOMENTS
< -- LESS THAN
"<#.#" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-3 AQUIFER U METHOD 2 SPECTROGRAPHIC SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00011*	TEMPERATURE, WATER (DEG. F)	3	76.10	73.40	74.90	1.37	77.42	72.38	73.97	74.90	75.83	76.55	77.1[illegible]
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3	99999.00	99999.00									
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	99999.00	5.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	3	99999.00	99999.00									
00935*	POTASSIUM, DISSOLVED (MG/L AS K)	3	1.00	0.10	0.22	3.78	2.48	0.02	0.09	0.22	0.53	1.18	1.94
00955*	SILICA, DISSOLVED (MG/L AS SIO2)	3	20.00	15.00	16.51	1.18	22.40	12.17	14.76	16.51	18.47	20.43	21.71
01105*	ALUMINUM (UG/L)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43
01020*	BORON, DISSOLVED (UG/L AS B)	3	400.00	100.00	158.74	2.23	690.66	36.48	92.48	158.74	272.47	442.[illegible]	[illegible]
01040*	COPPER, DISSOLVED (UG/L AS CU)	1	1.00	1.00									
01046*	IRON, DISSOLVED (UG/L AS FE)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43
01056*	MANGANESE, DISSOLVED (UG/L AS MN)	2	1000.00	10.00	100.00	25.95009063.00		0.00	11.10	100.00	900.72	6501.55	21201.95
01060	MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	1	100.00	100.00									
01130*	LITHIUM, DISSOLVED (UG/L AS LI)	3	100.00	10.00	46.42	3.78	533.74	4.04	18.92	46.42	113.86	255.17	413.43

END OF CORE-HOLE TO-3 AQUIFER U METHOD 2 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 01/07/75 THRU 01/15/75

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
[illegible] OF "99999.0" ARE "MAJOR" CONCENTRATIONS

[illegible]-2 REPORT DATE 03/10/77

CORE-HOLE TC-3 AQUIFER U METHOD 2

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
00011	TEMPERATURE, WATER (DEG. F)	3	76.10	73.40	74.90	1.37	77.42	72.38	73.97	74.90	75.83	76.66	[illegible]
[illegible]	CONDUCTIVITY (UMHOS AT 25 DEG C)	3	6199.99	3540.00	4444.45	1.34	7636.33	2586.70	3642.90	4444.45	5422.34	[illegible]	[illegible]
[illegible]	PH (STANDARD UNITS)	3	7.40	7.30	7.37	0.06	7.47	7.26	7.33	7.37	7.41	[illegible]	[illegible]
[illegible]	ALKALINITY, TOTAL (MG/L AS CACO3)	1	2179.99	2179.99									
[illegible]	BICARBONATE ION (MG/L AS HCO3)	3	2690.00	1010.00	1809.29	1.67	4666.18	701.54	1277.41	1809.29	2562.62	[illegible]	[illegible]
[illegible]	CARBONATE ION (MG/L AS CO3)	3	<0.10	<0.10	<0.10	1.00							
[illegible]	DISSOLVED SOLIDS (RESIDUE AT 179 DEG C, M	3	6849.99	1220.00	2016.99	1.56	4572.12	889.80	1493.20	2016.99	2724.52	[illegible]	[illegible]
[illegible]	HARDNESS, TOTAL (MG/L AS CACO3)	3	340.00	120.00	197.91	1.69	516.29	75.87	139.15	197.91	281.50	[illegible]	[illegible]
[illegible]	CALCIUM, DISSOLVED (MG/L AS CA)	3	80.00	17.00	43.61	2.29	199.32	9.54	24.95	43.61	78.42	[illegible]	[illegible]
[illegible]	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	34.00	9.30	18.49	1.92	61.23	5.58	11.91	18.49	28.71	[illegible]	[illegible]
[illegible]	SODIUM, DISSOLVED (MG/L AS NA)	3	1080.00	520.00	795.53	1.45	1572.74	402.40	619.29	795.53	1021.91	[illegible]	[illegible]
[illegible]	POTASSIUM, DISSOLVED (MG/L AS K)	2	3.50	<1.00	1.87	2.43	27.71	0.13	1.03	1.87	3.40	[illegible]	[illegible]
[illegible]	CHLORIDE, DISSOLVED (MG/L AS CL)	3	230.00	31.00	68.46	2.90	485.14	9.66	33.34	68.46	140.57	[illegible]	[illegible]
[illegible]	SULFATE, DISSOLVED (MG/L AS SO4)	3	240.00	32.00	79.73	2.78	519.97	12.23	40.03	79.73	158.80	[illegible]	[illegible]
[illegible]	FLUORIDE, TOTAL (MG/L AS F)	3	25.00	10.00	16.81	1.60	39.88	7.09	12.24	16.81	23.09	[illegible]	[illegible]
[illegible]	SILICA, DISSOLVED (MG/L AS SIO2)	3	22.00	19.00	20.30	1.08	23.27	17.70	19.30	20.30	21.34	[illegible]	[illegible]
[illegible]	BORON, DISSOLVED (UG/L AS B)	2	<10.00	<10.00	<10.00	1.00							

CORE-HOLE TO-3 AQUIFER U METHOD 2 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]	CALCIUM, DISSOLVED (UG/L AS CD)	2	20.00	<10.00	14.14	1.63	62.83	3.18	10.16	14.14	19.69	26.31	31.57
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	<50.00	<50.00	<50.00	1.00							
01040*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<100.00	<100.00	1.00							
01045*	IRON, DISSOLVED (UG/L AS FE)	3	70.00	<50.00	62.57	1.21	89.41	43.79	54.88	62.57	71.34	80.27	85.15
01049*	LEAD, DISSOLVED (UG/L AS PB)	2	60.00	<50.00	54.77	1.14	81.08	37.00	50.21	54.77	59.75	64.31	67.71
01055*	MANGANESE, DISSOLVED (UG/L AS MN)	3	200.00	<50.00	79.37	2.23	345.33	18.24	46.24	79.37	136.23	221.45	298.11
01090*	ZINC, DISSOLVED (UG/L AS ZN)	2	1200.00	<500.00	774.59	1.86	5094.00	117.78	510.05	774.59	1176.36	1712.70	2144.42
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
01503	GROSS ALPHA, DISSOLVED (PC/L)	1	2.40	2.40									
70507*	PHOSPHORUS, TOTAL ORTHO (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00							
71850*	HYDROXIDE (MG/L)	2	<0.10	<0.10	<0.10	1.00							
71846*	NITROGEN, AMMONIA DISS (MG/L AS NH4)	2	2.60	0.90	1.53	2.12	14.99	0.16	0.92	1.53	2.54	4.00	5.15
[illegible]	NITROGEN, NITRATE DISS (MG/L AS NO3)	3	0.60	0.30	0.38	1.49	0.79	0.18	0.29	0.38	0.50	0.64	0.75

[illegible] CORE-HOLE TO-3 AQUIFER U METHOD 2 WET SAMPLES REPORTING PERIOD IS 01/07/75 THRU 01/15/75

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* -- ESTIMATE USING METHOD OF MOMENTS

-- LOG TRANSFORM

[illegible] OF "GGRAS.DM" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-3 AQUIFER U METHOD 3

SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
SAMPLE DEPTH, FEET	2	48.50	48.38	48.44	0.08	49.67	46.21	48.39	48.44	48.49	48.54	[illegible]
TEMPERATURE, WATER (DEG. F)	2	64.00	59.90	61.95	2.90	70.77	53.13	59.99	61.95	63.91	[illegible]	[illegible]
CALCIUM, DISSOLVED (MG/L AS CA)	2	99999.00	10.00									
MAGNESIUM, DISSOLVED (MG/L AS MG)	2	99999.00	2.00									
SODIUM, DISSOLVED (MG/L AS NA)	2	99999.00	99999.00									
POTASSIUM, DISSOLVED (MG/L AS K)	2	5.00	5.00	5.00	1.00	5.02	4.98	4.99	5.00	5.01	[illegible]	[illegible]
SILICA, DISSOLVED (MG/L AS SIO2)	2	2.00	2.00	2.00	1.00	2.00	2.00	2.00	2.00	2.00	[illegible]	[illegible]
BARIUM, DISSOLVED (UG/L AS BA)	1	10.00	10.00									
ALUMINUM (UG/L)	2	100.00	100.00	100.00	1.00	100.00	100.00	100.00	100.00	100.00	100.00	[illegible]
BORON, DISSOLVED (UG/L AS B)	2	200.00	100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.86	268.10	[illegible]
COPPER, DISSOLVED (UG/L AS CU)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	[illegible]	[illegible]
IRON, DISSOLVED (UG/L AS FE)	2	50.00	20.00	31.62	1.91	227.07	4.40	20.42	31.62	48.97	[illegible]	[illegible]
MANGANESE, DISSOLVED (UG/L AS MN)	2	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	[illegible]	[illegible]
MOLYBDENUM, DISS (UG/L AS MO)	1	1.00	1.00									
STRONTIUM, DISSOLVED (UG/L AS SR)	2	100.00	10.00	31.62	5.09	4482.29	0.22	10.54	31.62	94.91	284.99	[illegible]
LITHIUM, DISSOLVED (UG/L AS LI)	2	50.00	10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	[illegible]	[illegible]
TITANIUM, DISSOLVED (UG/L AS TI)	1	1.00	1.00									

REPORT DATE 03/10/77

CORE-HOLE TO-3 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%
09513 RADIUM (UG/L)	1	500.00	500.00							

CORE-HOLE TO-3 AQUIFER U METHOD 3 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 03/21/75 THRU 04/22/75

-- ESTIMATE USING METHOD OF MOMENTS

-- NO LOG TRANSFORM

ALL SAMPLE MEASUREMENTS ARE "MAJOR" CONCENTRATIONS

CORE-HOLE TO-3 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF [illegible] THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	[illegible]
[illegible] SAMPLE DEPTH, FEET	2	48.50	48.38	48.44	0.08	48.67	48.21	48.39	48.44	48.49	[illegible]	[illegible]
[illegible] TEMPERATURE, WATER (DEG. F)	2	64.00	59.90	61.95	2.90	70.77	53.13	59.99	61.95	63.91	[illegible]	[illegible]
[illegible] CONDUCTIVITY (UMHOS [illegible] DEG C)	2	3899.99	3609.99	3752.19	1.06	4426.80	3180.37	3617.05	3752.19	3892.37	[illegible]	[illegible]
[illegible] PH (STANDARD UNITS)	2	7.40	7.00	7.20	0.28	8.06	6.34	7.01	7.20	7.39	[illegible]	[illegible]
[illegible] ALKALINITY, TOTAL (MG/L AS CACO3)	2	2360.00	2065.00	2207.57	1.10	2943.43	1655.68	2071.08	2207.57	2333.05	[illegible]	[illegible]
[illegible] BICARBONATE ION (MG/L AS HCO3)	2	2709.99	2519.99	2613.27	1.05	3054.51	2255.77	2524.37	2613.27	2705.30	[illegible]	[illegible]
[illegible] CARBONATE ION (MG/L AS CO3)	2	170.00	<0.10	4.12	192.43772944.00		0.00	0.12	4.12	143.59	[illegible]	[illegible]
[illegible] DISSOLVED SOLIDS [illegible] AT 180 DEG C, M	2	2849.99	2630.00	2737.78	1.06	3255.13	2302.65	2634.65	2737.78	2844.95	[illegible]	[illegible]
[illegible] [illegible], ORGANIC, ISS (MG/L AS C)	1	7.00	7.00									
[illegible] CYANIDE (MG/L AS CN)	2	<0.01	<0.01	<0.01	1.00							
[illegible] HARDNESS, TOTAL (MG/L AS CACO3)	2	160.00	155.00	157.48	1.02	168.86	146.87	155.06	157.48	159.94	[illegible]	[illegible]
[illegible] CALCIUM, DISSOLVED (MG/L AS CA)	2	34.00	29.00	31.40	1.12	44.21	22.30	29.11	31.40	33.88	[illegible]	[illegible]
[illegible] MAGNESIUM, DISSOLVED (MG/L AS MG)	2	22.00	18.00	19.90	1.15	30.64	12.92	18.08	19.90	21.90	[illegible]	[illegible]
[illegible] SODIUM, DISSOLVED (MG/L AS NA)	2	1170.00	1060.00	1113.64	1.07	1377.82	900.11	1062.27	1113.64	1167.40	[illegible]	[illegible]
[illegible] CHLORIDE, DISSOLVED (MG/L AS CL)	2	55.00	50.00	52.44	1.07	64.37	42.72	50.11	52.44	54.88	[illegible]	[illegible]
[illegible] SULFATE, DISSOLVED (MG/L AS SO4)	2	140.00	65.00	95.39	1.72	497.08	18.31	66.14	95.39	137.58	[illegible]	[illegible]
[illegible] FLUORIDE, TOTAL (MG/L AS F)	2	60.00	27.00	40.25	1.76	224.32	7.82	27.49	40.25	58.92	[illegible]	[illegible]

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CORE-HOLE TC-3 AQUIFER U METHOD 3 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
[illegible]*	SILICA, DISSOLVED (MG/L AS SIO2)	2	35.00	26.00	30.17	1.23	57.18	15.91	26.18	30.17	34.76	39.49	42.63
[illegible]*	ARSENIC, DISSOLVED (UG/L AS AS)	2	<10.00	<10.00	<10.00	1.00							
01005*	BARIUM, DISSOLVED (UG/L AS BA)	2	<1000.00	<1000.00	<1000.00	1.00							
[illegible]	BORON, DISSOLVED (UG/L AS B)	2	4399.98	150.00	812.40	10.90166	243.00	0.57	161.96	812.40	4075.07	17375.78	41360.49
[illegible]*	CADMIUM, DISSOLVED (UG/L AS CD)	2	<10.00	<1.00	<3.16	5.09							
01030*	CHROMIUM, DISSOLVED (UG/L AS CR)	2	50.00	<10.00	22.36	3.12	713.38	0.70	10.37	22.36	48.21	96.19	145.39
[illegible]*	COPPER, DISSOLVED (UG/L AS CU)	2	<100.00	<10.00	<31.62	5.09							
[illegible]	IRON, DISSOLVED (UG/L AS FE)	2	4699.98	310.00	1207.06	6.84418	855.38	3.48	329.74	1207.06	4418.61	14192.96	29919.32
[illegible]*	LEAD, DISSOLVED (UG/L AS PB)	2	200.00	2.00	20.00	25.95401	816.38	0.00	2.22	20.00	180.14	1800.32	4240.41
[illegible]	MANGANESE, DISSOLVED (UG/L AS MN)	2	240.00	<50.00	109.54	3.03	3200.85	3.75	51.81	109.54	231.60	454.08	679.13
01065*	NICKEL, DISSOLVED (UG/L AS NI)	2	50.00	7.00	18.71	4.02	1285.70	0.27	7.32	18.71	47.82	111.19	184.19
[illegible]	SILVER, DISSOLVED (UG/L AS AG)	2	<10.00	<1.00	<3.16	5.09							
[illegible]	ZINC, DISSOLVED (UG/L AS ZN)	2	200.00	<100.00	141.42	1.63	628.33	31.83	101.59	141.42	196.88	265.10	316.72
[illegible]	ALUMINUM, DISSOLVED (UG/L AS AL)	1	<10.00	<10.00									
01145*	SELENIUM, DISSOLVED (UG/L AS SE)	2	<10.00	<10.00	<10.00	1.00							
[illegible]	GROSS ALPHA, DISSOLVED (PC/L)	2	18.00	4.00	8.49	2.90	215.80	0.33	4.14	8.49	17.40	33.17	48.81
[illegible]	GROSS BETA, DISSOLVED (PC/L)	1	38.00	38.00									

REPORT DATE 03/10/77

CORE-HOLE TC-3 AQUIFER U METHOD 3

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	WET SAMPLES 95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
[illegible] PHOSPHORUS, TOTAL [illegible] (MG/L AS P)	2	<0.10	<0.10	<0.10	1.00							
[illegible] NITROGEN, AMMONIA DISS (MG/L AS NH4)	1	1.30	1.30									
[illegible] NITROGEN, NITRATE [illegible] DISS (MG/L AS NO3)	2	0.30	<0.10	0.17	2.17	1.84	0.02	0.10	0.17	0.25	0.33	0.41
[illegible] RECOVERY, DISSOLVED (UG/L AS PB)	2	<10.00	7.00	8.37	1.29	18.02	3.88	7.06	8.37	9.92	11.58	12.93

[illegible] CORE-HOLE TC-3 AQUIFER U METHOD 3 WET SAMPLES REPORTING PERIOD IS 03/21/75 THRU 04/22/75

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* -- ESTIMATE USING METHOD OF MOMENTS
- -- BELOW DETECTION
[illegible] "MAJOR" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE USBM 2 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
CORE SAMPLE DEPTH, FEET	1	2100.00	2100.00									
CORE TEMPERATURE, WATER (DEG. F)	1	70.00	70.00									
CORE POTASSIUM, DISSOLVED (MG/L AS K)	1	0.40	0.40									

END OF CORE-HOLE USBM 2 AQUIFER C METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 08/29/66 THRU 08/29/66

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* -- ESTIMATE USING METHOD OF MOMENTS
# -- NO LOG TRANSFORM
VALUES "MISSING" ARE "MAJOR" CONCENTRATIONS

[illegible]SA-2 REPORT DATE 03/10/77 [illegible]

CORE-HOLE USBM 2 AQUIFER C METHOD 1 WET SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	[illegible]	[illegible]
[illegible] SAMPLE DEPTH, FEET	1	2100.00	2100.00									
[illegible] TEMPERATURE, WATER (DEG. F)	1	70.00	70.00									
[illegible] CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1200.00	1200.00									
[illegible] PH (STANDARD UNITS)	1	8.10	8.10									
[illegible] BICARBONATE ION (MG/L AS HCO3)	1	564.00	564.00									
[illegible] DISSOLVED SOLIDS (CDE AT 178 DEG C, M	1	650.00	650.00									
[illegible] HARDNESS, TOTAL (MG/L AS CACO3)	1	40.00	40.00									
[illegible] CALCIUM, DISSOLVED (MG/L AS CA)	1	6.40	6.40									
[illegible] SODIUM, DISSOLVED (MG/L AS NA)	1	248.00	248.00									
[illegible] CHLORIDE, DISSOLVED (MG/L AS CL)	1	3.00	3.00									
[illegible] SULFATE, DISSOLVED (MG/L AS SO4)	1	97.00	97.00									
[illegible] FLUORIDE, TOTAL (MG/L AS F)	1	6.80	6.80									
[illegible] SILICA, DISSOLVED (MG/L AS SIO2)	1	13.00	13.00									
[illegible] NITROGEN, NITRATE (MG/L AS NO3)	1	0.30	0.30									

END OF CORE-HOLE USBM 2 AQUIFER C METHOD 1 WET SAMPLES REPORTING PERIOD IS 08/29/66 THRU 08/29/66

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* -- ESTIMATE USING METHOD OF MOMENTS

- -- [illegible] TRANSFORM

[illegible] [illegible] "MAJOR" CONCENTRATIONS

CORE-HOLE USBM 2 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES

PARAMETER DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003# SAMPLE DEPTH, FEET	1	1200.00	1200.00									
00[illegible] TEMPERATURE, WATER (DEG. F)	1	67.00	67.00									
00[illegible] POTASSIUM, DISSOLVED (MG/L AS K)	1	0.50	0.50									
01020 BORON, DISSOLVED (UG/L AS B)	1	120.00	120.00									

END OF CORE-HOLE USBM 2 AQUIFER U METHOD 1 SPECTROGRAPHIC SAMPLES REPORTING PERIOD IS 09/27/66 THRU 09/27/66

-- ESTIMATE USING METHOD OF MOMENTS

[illegible] -- LOG TRANSFORM

VALUES [illegible] 0" ARE "MAJOR" CONCENTRATIONS

CORE-HOLE USBM 2 AQUIFER U METHOD 1 WET SAMPLES

PARAMETER	DESCRIPTION	NUMBER OF ANALYSES	MAXIMUM	MINIMUM	MEAN	STANDARD DEVIATION	95% CONFIDENCE LIMITS ON MEAN UPPER	95% CONFIDENCE LIMITS ON MEAN LOWER	THEORETICAL PROBABILITY OF BEING LESS THAN OR EQUAL TO VALUE LISTED 25%	50%	75%	90%	95%
00003#	SAMPLE DEPTH, FEET	1	1200.00	1200.00									
00011#	TEMPERATURE, WATER (DEG. F)	1	67.00	67.00									
00095	CONDUCTIVITY (UMHOS AT 25 DEG C)	1	1000.00	1000.00									
00400#	PH (STANDARD UNITS)	1	8.20	8.20									
00440	BICARBONATE ION (MG/L AS HCO3)	1	494.00	494.00									
00540	DISSOLVED SOLIDS (RDE AT 178 DEG C, M	1	621.00	621.00									
00900	HARDNESS, TOTAL (MG/L AS CACO3)	1	44.00	44.00									
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1	6.00	6.00									
00930	SODIUM, DISSOLVED (MG/L AS NA)	1	235.00	235.00									
00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	5.00	5.00									
00945	SULFATE, DISSOLVED (MG/L AS SO4)	1	113.00	113.00									
00950	FLUORIDE, TOTAL (MG/L AS F)	1	0.30	0.30									
00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	13.00	13.00									
71851	NITROGEN, NITRATE DISS (MG/L AS NO3)	1	0.20	0.20									

END OF CORE-HOLE USBM 2 AQUIFER U METHOD 1 WET SAMPLES REPORTING PERIOD IS 09/27/66 THRU 09/27/66

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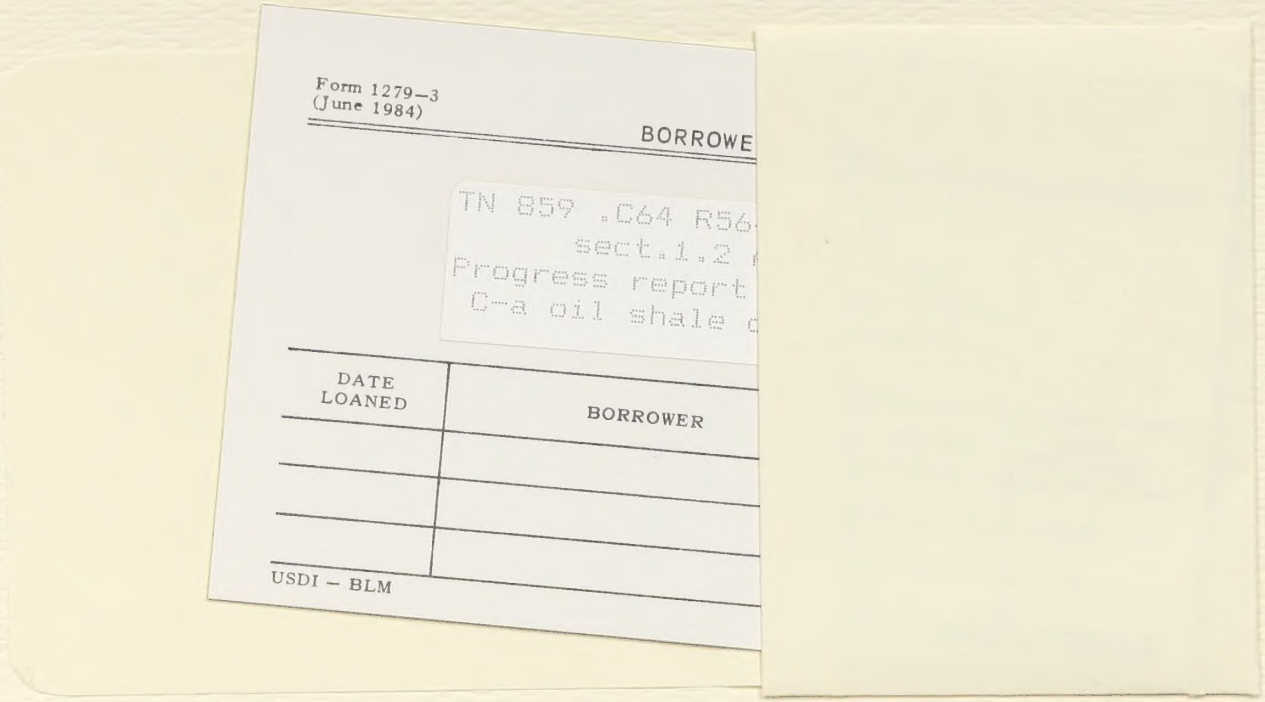
* -- ESTIMATE USING METHOD OF MOMENTS
\# -- NO LOG TRANSFORM
VALUES OF "99999.0" ARE "MAJOR" CONCENTRATIONS



Form 1279–3
(June 1984)

BORROWE

TN 859 .C64 R56
sect.1.2
Progress report
C-a oil shale

DATE LOANED	BORROWER

USDI – BLM